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DECEMBER 1970

RESULTS OF 1969

REGIONAL COTTON VARIETY TESTS

by Cooperating Agricultural Experiment Stations

Alabama
Arizona
Arkansas
California
Georgia
Louisiana
Mississippi
Missouri
Nevada
New Mexico
North Carolina
Oklahoma
South Carolina
Tennessee
Texas

Agricultural Research Service
U.S. DEPARTMENT OF AGRICULTURE

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Trade names and company names are used in this publication solely for the purpose of providing specific information. Mention of a trade name does not constitute a guarantee or warranty of the product by the U.S. Department of Agriculture or an endorsement by the Department over other products not mentioned.

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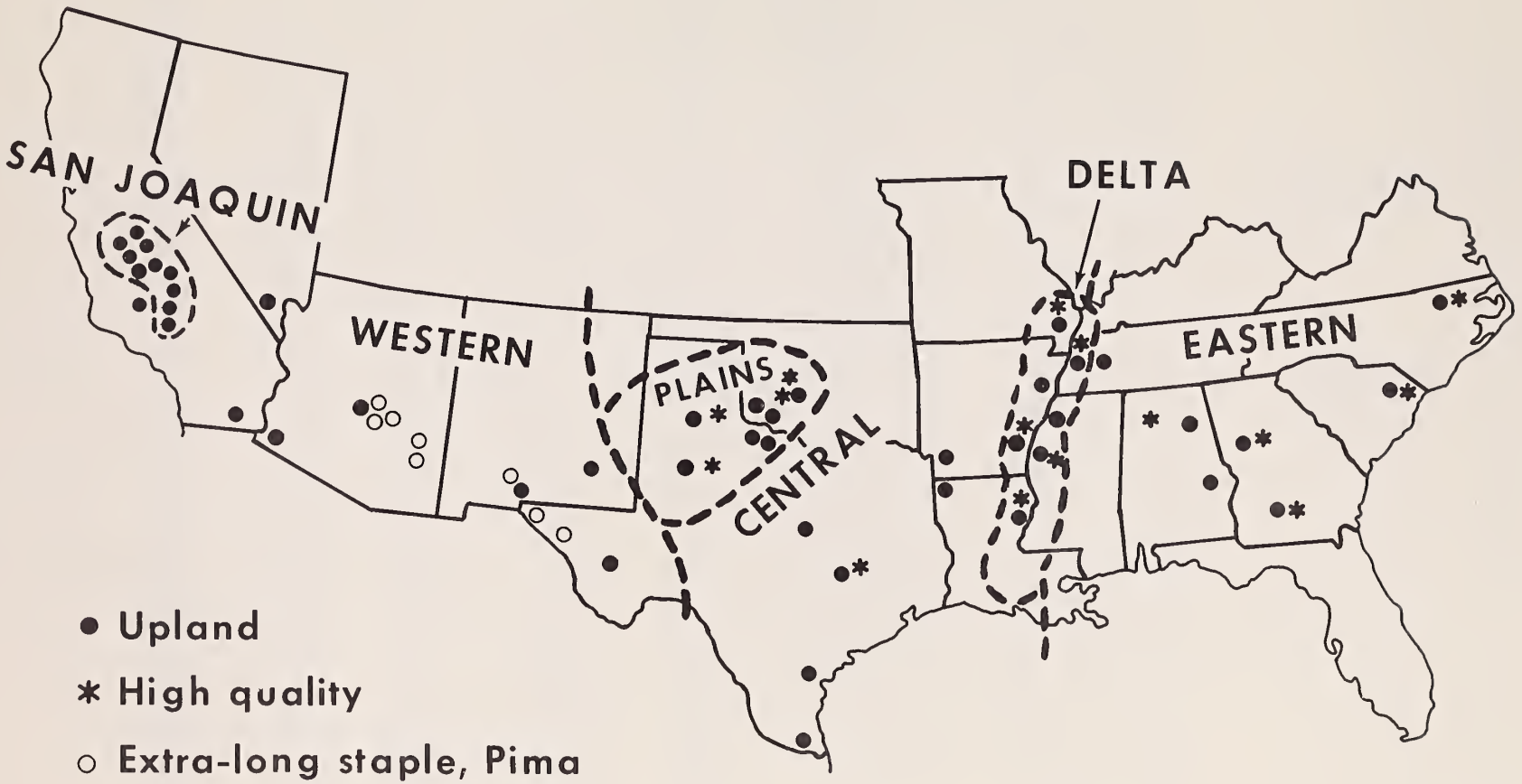
REGIONAL COTTON VARIETY TESTING PROGRAMS



RESULTS OF 1969 REGIONAL COTTON VARIETY TESTS[1/]

by Cooperating Agricultural Experiment Stations:

Alabama	Nevada
Arizona	New Mexico
Arkansas	North Carolina
California	Oklahoma
Georgia	South Carolina
Louisiana	Tennessee
Mississippi	Texas
Missouri	

INTRODUCTION

The regional cotton variety testing program was developed from recommendations of the Joint Cotton Breeding Policy Committee and plans of the National Cotton Variety Testing Committee. The names of the members of these two committees as of January 1970 are given on page 88.

Data for the 1969 regional cotton variety tests were drawn from selected locations involved in the variety testing programs of 15 State agricultural experiment stations. For this reason, details of design, plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures.

The operations and measurements required for the development of data on yield and such other agronomic characters as boll size and lint percentage were performed by personnel at the cooperating stations. Fiber samples were sent to the U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn., where fiber and spinning tests were made. All data were assembled in the Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md. Analysis of the data was directed by the Biometrical Services Staff of ARS. The computations were performed by the Data Systems Application Division.

The number of replications for yield data ranged from two to eight, but a great majority of tests had six replications from each variety at all stations. Boll, seed, fiber, and spinning data were based on two replications from each variety at all stations. A radomized block analysis was employed, although some tests were planted in lattice designs. Separation of means was by Duncan's multiple range method at the 0.05 level of probability.

Results of the first 3-year cycle of testing were reported in U.S. Agricultural Research Service publications ARS 34-30, ARS 34-43, and ARS 34-60 for 1960, 1961, and 1962, respectively. Results of the second 3-year cycle of testing were reported in ARS 34-68, ARS 34-81, and ARS 34-82 for 1963, 1964, and 1965, respectively. Results of the third 3-year cycle were reported in ARS 34-96, ARS 34-105, and ARS 34-113 for 1966, 1967, and 1968, respectively. This publication (ARS 34-123) reports results of the first year of the fourth 3-year cycle.

For the fourth 3-year cycle, Acala SJ-1, Coker 201, Deltapine 16, and Paymaster 111 were chosen as national standards. Within each region, the cooperators annually select a group of regional standard varieties that are common to all of the tests within the region for the particular year. Each station may enter optional varieties of local interest, but only data from the national and regional standards are included in this report.

All the varieties tested were grown to obtain experimental data. Their selection as national or regional standards does not constitute endorsement by the U.S. Department of Agriculture or the cooperating State agricultural experiment stations.

1/ C. F. Lewis and Thomas Kerr, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md., assembled the data and prepared the material for publication.

REGIONS AND LOCATIONS

The regional cotton variety tests are organized into six regions for testing upland varieties, into two special tests (High quality and Plains quality) for evaluating strains with superior fiber properties and spinning performance, and into one region for testing extra-long staple Pima varieties.

The tests of the San Joaquin Valley Continuous Variety Testing Committee were conducted by the Department of Agronomy, Davis, Calif., on land furnished by cooperating growers at ten test sites. The national standard entries were planted at only four of the ten locations.

The regions and participating stations during the 1969 season are listed. The map shows the geographical locations of the tests.

Eastern Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Georgia Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Alabama Agricultural Experiment Station	Auburn, Ala.
Sand Mountain Substation	Crossville, Ala.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.

Delta Regional Cotton Variety Test

Delta Branch Experiment Station	Stoneville, Miss.
Off-station test	Tunica, Miss.
Northeast Louisiana Experiment Station	St. Joseph, La.
Missouri-Delta Center	Portageville, Mo.
West Tennessee Experiment Station	Fort Pillow, Tenn.
Arkansas-Delta Substation	Clarkedale, Ark.
Southeast Branch Experiment Station	Kelso, Ark.

Central Regional Cotton Variety Test

Texas Agricultural Experiment Station	College Station, Tex.
Coastal Bend Experiment Station, Beeville, Tex.:	
Off-station test	Nueces County, Tex.
Southwest Branch Experiment Station	Hope, Ark.
Red River Valley Experiment Station	Bossier City, La.
Lower Rio Grande Valley Research and Extension Center	Weslaco, Tex.

Plains Regional Cotton Variety Test

South Plains Research and Extension Center	Lubbock, Tex.
Off-station test	Tulia, Tex.
Livestock and Forage Research Center	McGregor, Tex.
Rolling Plains Soil and Crop Research Station	Chillicothe, Tex.
Irrigated test	Chillicothe, Tex.
Cotton Research Station	Chickasha, Okla.
Irrigation Experiment Station	Altus, Okla.
Sandy Land Research Station	Mangum, Okla.

Western Regional Cotton Variety Test

U.S. Cotton Research Station	Shafter, Calif.
Southwestern Irrigation Field Station	Brawley, Calif.
Southern Nevada Field Station, Logandale, Nev.:	
Pahrump Field Laboratory	Pahrump, Nev.
Arizona Agricultural Experiment Station:	
Cotton Research Center	Phoenix, Ariz.
Yuma Valley Station	Yuma, Ariz.
New Mexico Agricultural Experiment Station	Las Cruces, N. Mex.
Southeastern Branch Station	Artesia, N. Mex.
Trans-Pecos Experiment Station	Pecos, Tex.

San Joaquin Valley Continuous Cotton Variety Test

California Agricultural Experiment Station	
Off-station tests:	
Kuhr Farm	Chowchilla, Calif.
San Juan Ranch	Dos Palos, Calif.
Jones Farm	Tranquillity, Calif.
Cardoza	Tulare, Calif.
Fisher Farm	Woodville, Calif.
Frick Farm	Kern Lake, Calif.
Allen Farm	Coalinga, Calif.
Avila Bros. Farm	Hanford, Calif.
Bryant Farms	Pond, Calif.
Garwin White Farm	Kerman, Calif.

High Quality Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Georgia Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Northeast Louisiana Experiment Station	St. Joseph, La.
Delta Branch Experiment Station	Stoneville, Miss.
Delta Center, Missouri Experiment Station	Portageville, Mo.
Texas Agricultural Experiment Station	College Station, Tex.
Southeast Branch Experiment Station	Kelso, Ark.
Tennessee Valley Substation	Belle Mina, Ala.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.

Plains Quality Regional Cotton Variety Test

South Plains Research and Extension Center	Lubbock, Tex.
Off-station test	Tulia, Tex.
Cotton Research Station	Chickasha, Okla.
Irrigated test	Chickasha, Okla.

Pima Regional Cotton Variety Test

Arizona Agricultural Experiment Station:	
Cotton Research Center	Phoenix, Ariz.
Off-station tests:	
Wuertz Farm	Coolidge, Ariz.
Curtis Farm	Safford, Ariz.
Pace Farm	Safford, Ariz.
New Mexico Agricultural Experiment Station:	
Off-station test, Salopek Farm	Las Cruces, N.Mex.
Far West Texas Research Station	El Paso, Tex.
Off-station test, Maros Farm	Fabens, Tex.
Arizona State University	Tempe, Ariz.

EXPLANATION OF TABLE HEADINGS AND SYMBOLS

Yield	The mean production of the plots harvested, expressed in pounds of lint per acre.
Boll size	(a) Average weight, in grams, per boll of seed cotton.
	(b) The number of bolls of seed cotton required to weigh 1 pound.
Lint percent	The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton.
Seed index	The weight of 100 seed, in grams.
Span length	Length measured on the Digital Fibrograph. The distance spanned by a specified percentage of the fibers in the test specimen where the initial starting point of the scanning in the test is considered 100 percent.
50-percent span length	The length in inches on the test specimen spanned by 50 percent of the fibers scanned at the initial starting point.
2.5-percent span length	The length in inches on the test specimen spanned by 2.5 percent of the fibers scanned at the initial starting point. The 2.5-percent span length approximates classer's staple.
22's	The yarn strength of 22's (actually 27 tex) as determined from a small scale (50 grams) test.
Colorimeter measurements	These were determined by the Nickerson-Hunter Colorimeter (Spinlab Model).
Reflectance (RD)	RD is a measure of the percentage of reflectance; the higher the value, the lighter is the cotton.
Yellowness (B)	Hunter's B value is a measure of increasing yellowness of the cotton.
Micronaire	The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) micronaire units.
Drawing sliver length	Length measured on the Servo Fibrograph from samples taken from the second drawing sliver.
UHM (Upper half mean)	The length, in inches of the half of the fibers, by weight, that contains the longer fibers. Values for UHM approximate classer's staple and also 2.5-percent span length.
Mean	The average length, in inches, of all fibers longer than 1/4 inch.
Uniformity ratio	The ratio of mean length to UHM length expressed in percentage.

T0	The fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed. Strength is expressed in terms of grams per tex.
Tex	A measuring unit for fibers, filaments, and yarns based on weight in grams of 1,000 meters of fiber or yarn (a tex equals 0.1 grex).
T1	The fiber strength of a bundle of fibers measured on the Stelometer with two jaws holding the fiber bundle separated by a 1/8-inch spacer. Strength is expressed in terms of grams per tex.
E1	The percentage elongation at break of the center 1/8 inch of the fiber bundle measured for T1 strength on the Stelometer.
Letters following means	Means followed by the same letter, or letters, cannot be considered significantly different at the 0.05 level of probability.

TEST RESULTS

The test results are presented in a series of tables designed to furnish reliable information on the performance of cotton varieties in experimental tests across the United States in 1969. No interpretation of these data, other than the indication of significant difference among means based on the analysis of variance, is presented in this publication.

In the summary of data for individual stations, the varieties are arranged in descending order of yield of lint per acre. Analysis of variance of yield was calculated for each individual station.

In the regional summaries, each character is ranked separately in descending order and the significant difference among means is indicated. For easy examination, the mean performance of a variety for all measurements was retabulated into a single table for each region.

Within each region, the mean performance of the stations is also presented.

1969 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
STONEVILLE 213	976	A	5.85	78	38.1	11.0	.51	1.12	114
STONEVILLE 603	973	A	5.97	76	36.2	11.7	.51	1.14	113
DELTAPINE 16	973	A	5.96	76	37.8	10.9	.53	1.16	115
COKER 201	958	AB	6.24	73	39.3	10.9	.51	1.11	116
COKER 417	949	AB	6.29	73	37.0	11.5	.53	1.17	124
COKER 310	935	AB	6.08	75	38.1	11.3	.55	1.22	120
MC NAIR 1032B	903	AB	5.69	80	37.2	11.0	.50	1.08	124
DIXIE KING II	903	AB	6.96	66	37.4	11.6	.49	1.09	113
TH 149	893	ABC	7.42	61	35.3	13.6	.54	1.15	126
DELCOT 277	885	ABC	6.82	67	37.2	12.3	.54	1.17	125
MCNAIR 6207	873	BC	6.16	74	36.8	11.2	.51	1.14	114
ATLAS 67	810	CD	6.29	72	36.2	12.6	.53	1.10	137
PAYMASTER 111	759	D	7.31	62	35.5	12.4	.49	1.06	115
ACALA SJ-1	740	D	6.79	67	35.8	13.7	.55	1.15	120

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
EXPERIMENT, GA.	1277	A	6.61	69	38.0	11.8	.54	1.13	123
CROSSVILLE,ALA.	1002	B	6.47	71	39.1	11.4	.49	1.11	115
AUBURN, ALA.	992	B	5.76	80	37.5	11.5	.49	1.12	113
ROCKY MT., N.C.	893	C	6.23	73	34.6	11.2	.52	1.13	123
FLORENCE, S.C.	812	D	6.60	69	35.4	13.0	.55	1.18	121
JACKSON, TENN.	653	E	6.29	73	37.5	11.3	.51	1.08	127
TIFTON, GA.	637	E	6.96	66	36.9	12.6	.56	1.18	121

BOLL SIZE, GRAM PER BOLL

TH 149	7.42	A
PAYMASTER 111	7.31	A
DIXIE KING II	6.96	B
DELCOT 277	6.82	B
ACALA SJ-1	6.79	B
ATLAS 67	6.29	C
COKER 417	6.29	C
COKER 201	6.24	C
MCNAIR 6207	6.16	CD
COKER 310	6.08	CDE
STONEVILLE 603	5.97	DE
DELTAPINE 16	5.96	DE
STONEVILLE 213	5.85	EF
MC NAIR 1032B	5.69	F

BOLL SIZE, NO. PER LB.

MC NAIR 1032B	80	A
STONEVILLE 213	78	AB
DELTAPINE 16	76	BC
STONEVILLE 603	76	BC
COKER 310	75	CD
MCNAIR 6207	74	CD
COKER 417	73	CD
COKER 201	73	CD
ATLAS 67	72	D
DELCOT 277	67	E
ACALA SJ-1	67	E
DIXIE KING II	66	F
PAYMASTER 111	62	F
TH 149	61	F

1969 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
STONEVILLE 213	4.79	1.13	0.96	33.6	18.1	9.2	75	8.6	85
STONEVILLE 603	4.45	1.14	0.95	33.5	18.5	9.5	76	8.3	83
DELTAPINE 16	4.49	1.17	0.97	32.4	18.3	9.7	77	8.3	84
COKER 201	4.61	1.13	0.94	34.9	18.0	8.2	76	8.3	83
COKER 417	4.24	1.19	0.98	35.1	18.8	8.1	76	8.6	82
COKER 310	4.51	1.21	0.98	34.5	18.8	8.3	75	8.5	81
MC NAIR 1032B	4.63	1.09	0.92	35.4	18.8	8.3	75	8.8	84
DIXIE KING II	4.46	1.09	0.90	33.9	16.6	7.9	75	8.5	82
TH 149	4.51	1.17	1.00	36.6	19.6	7.8	76	8.0	85
DELCOT 277	4.03	1.18	0.98	33.6	19.2	10.2	74	8.8	83
MCNAIR 6207	4.22	1.13	0.91	34.4	18.0	8.3	75	8.5	81
ATLAS 67	4.67	1.11	0.96	40.3	21.8	7.3	75	8.6	86
PAYMASTER 111	4.49	1.07	0.89	34.2	18.0	8.2	74	8.5	84
ACALA SJ-1	4.51	1.15	0.99	37.0	21.0	8.2	75	8.5	86

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
EXPERIMENT, GA.	4.70	1.15	0.96	34.0	18.9	8.6	77	8.9	84
CROSSVILLE,ALA.	4.21	1.12	0.94	35.2	18.3	9.2	74	7.7	84
AUBURN, ALA.	4.04	1.10	0.88	33.4	18.0	8.4	72	8.5	79
ROCKY MT., N.C.	3.87	1.14	0.94	33.1	18.3	8.6	77	8.5	82
FLORENCE, S.C.	4.61	1.19	1.01	33.1	18.5	8.5	78	8.8	85
JACKSON, TENN.	5.15	1.09	0.92	41.1	20.8	7.8	75	8.3	84
TIFTON, GA.	4.74	1.19	1.01	34.8	19.1	8.4	76	8.6	86

LINT PCT.		SEED INDEX	
COKER 201	39.3 A	ACALA SJ-1	13.7 A
STONEVILLE 213	38.1 B	TH 149	13.6 A
COKER 310	38.1 B	ATLAS 67	12.6 B
DELTAPINE 16	37.8 BC	PAYMASTER 111	12.4 B
DIXIE KING II	37.4 BCD	DELCOT 277	12.3 B
MC NAIR 1032B	37.2 BCD	STONEVILLE 603	11.7 C
DELCOT 277	37.2 BCD	DIXIE KING II	11.6 CD
COKER 417	37.0 CDE	COKER 417	11.5 CD
MCNAIR 6207	36.8 DE	COKER 310	11.3 CDE
ATLAS 67	36.2 EF	MCNAIR 6207	11.2 DE
STONEVILLE 603	36.2 EF	MC NAIR 1032B	11.0 E
ACALA SJ-1	35.8 F	STONEVILLE 213	11.0 E
PAYMASTER 111	35.5 F	COKER 201	10.9 E
TH 149	35.3 F	DELTAPINE 16	10.9 E

SPAN LENGTH, 50 PCT.

COKER 310	0.55	A
ACALA SJ-1	0.55	A
TH 149	0.54	AB
DELCOT 277	0.54	AB
ATLAS 67	0.53	B
COKER 417	0.53	B
DELTAPINE 16	0.53	B
STONEVILLE 213	0.51	C
COKER 201	0.51	C
MCNAIR 6207	0.51	C
STONEVILLE 603	0.51	C
MC NAIR 1032B	0.50	CD
DIXIE KING II	0.49	D
PAYMASTER 111	0.49	D

SPAN LENGTH, 2.5 PCT.

COKER 310	1.22	A
COKER 417	1.17	B
DELCOT 277	1.17	B
DELTAPINE 16	1.16	BC
ACALA SJ-1	1.15	BC
TH 149	1.15	BC
STONEVILLE 603	1.14	CD
MCNAIR 6207	1.14	CD
STONEVILLE 213	1.12	DE
COKER 201	1.11	EF
ATLAS 67	1.10	EFG
DIXIE KING II	1.09	FG
MC NAIR 1032B	1.08	GH
PAYMASTER 111	1.06	H

22'S

ATLAS 67	137	A
ACALA SJ-1	129	B
TH 149	126	BC
DELCOT 277	125	BC
COKER 417	124	CD
MC NAIR 1032B	124	CD
COKER 310	120	DE
COKER 201	116	EF
PAYMASTER 111	115	F
DELTAPINE 16	115	F
STONEVILLE 213	114	F
MCNAIR 6207	114	F
STONEVILLE 603	113	F
DIXIE KING II	113	F

MICRONAIRE

STONEVILLE 213	4.79	A
ATLAS 67	4.67	AB
MC NAIR 1032B	4.63	ABC
COKER 201	4.61	ABC
TH 149	4.51	BC
ACALA SJ-1	4.51	BC
COKER 310	4.51	BC
DELTAPINE 16	4.49	BC
PAYMASTER 111	4.49	BC
DIXIE KING II	4.46	BC
STONEVILLE 603	4.45	C
COKER 417	4.24	D
MCNAIR 6207	4.22	D
DELCOT 277	4.03	E

DRAWING SLIVER, UHM

COKER 310	1.21	A
COKER 417	1.19	AB
DELCOT 277	1.18	B
DELTAPINE 16	1.17	BC
TH 149	1.17	BC
ACALA SJ-1	1.15	CD
STONEVILLE 603	1.14	D
MCNAIR 6207	1.13	DE
STONEVILLE 213	1.13	DE
COKER 201	1.13	DE
ATLAS 67	1.11	EF
MC NAIR 1032B	1.09	FG
DIXIE KING II	1.09	FG
PAYMASTER 111	1.07	G

DRAWING SLIVER, MEAN

TH 149	1.00	A
ACALA SJ-1	0.99	AB
COKER 310	0.98	ABC
DELCOT 277	0.98	ABC
COKER 417	0.98	ABC
DELTAPINE 16	0.97	ABC
ATLAS 67	0.96	ABCD
STONEVILLE 213	0.96	ABCD
STONEVILLE 603	0.95	BCDE
COKER 201	0.94	CDEF
MC NAIR 1032B	0.92	DEFG
MCNAIR 6207	0.91	EFG
DIXIE KING II	0.90	FG
PAYMASTER 111	0.89	G

1969 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO

ATLAS 67	86	A
ACALA SJ-1	86	A
TH 149	85	AB
STONEVILLE 213	85	AB
DELTAPINE 16	84	ABC
PAYMASTER 111	84	ABC
MC NAIR 1032B	84	ABC
COKER 201	83	BCD
STONEVILLE 603	83	BCD
DELCOT 277	83	BCD
COKER 417	82	CD
DIXIE KING II	82	CD
COKER 310	81	D
MCNAIR 6207	81	D

STELOMETER - TO

ATLAS 67	40.3	A
ACALA SJ-1	37.0	B
TH 149	36.6	BC
MC NAIR 1032B	35.4	CD
COKER 417	35.1	DE
COKER 201	34.9	DEF
COKER 310	34.5	DEF
MCNAIR 6207	34.4	DEF
PAYMASTER 111	34.2	DEF
DIXIE KING II	33.9	EF
STONEVILLE 213	33.6	FG
DELCOT 277	33.6	FG
STONEVILLE 603	33.5	FG
DELTAPINE 16	32.4	G

STELOMETER - T1

ATLAS 67	21.8	A
ACALA SJ-1	21.0	B
TH 149	19.6	C
DELCOT 277	19.2	CD
COKER 417	18.8	DE
COKER 310	18.8	DE
MC NAIR 1032B	18.8	DE
STONEVILLE 603	18.5	DE
DELTAPINE 16	18.3	E
STONEVILLE 213	18.1	E
COKER 201	18.0	E
PAYMASTER 111	18.0	E
MCNAIR 6207	18.0	E
DIXIE KING II	16.6	F

STELOMETER - E1

DELCOT 277	10.2	A
DELTAPINE 16	9.7	AB
STONEVILLE 603	9.5	B
STONEVILLE 213	9.2	B
MC NAIR 1032B	8.3	C
MCNAIR 6207	8.3	C
COKER 310	8.3	C
PAYMASTER 111	8.2	C
ACALA SJ-1	8.2	C
COKER 201	8.2	C
COKER 417	8.1	C
DIXIE KING II	7.9	CD
TH 149	7.8	CD
ATLAS 67	7.3	D

COLORIMETER -RD

DELTAPINE 16	77	A
COKER 201	76	AB
TH 149	76	AB
STONEVILLE 603	76	AB
COKER 417	76	AB
MCNAIR 6207	75	BC
COKER 310	75	BC
STONEVILLE 213	75	BC
ACALA SJ-1	75	BC
MC NAIR 1032B	75	BC
DIXIE KING II	75	BC
ATLAS 67	75	BC
PAYMASTER 111	74	C
DELCOT 277	74	C

COLORIMETER -B

DELCOT 277	8.8	A
MC NAIR 1032B	8.7	A
STONEVILLE 213	8.6	AB
ATLAS 67	8.6	AB
COKER 417	8.6	AB
MCNAIR 6207	8.5	ABC
COKER 310	8.5	ABC
ACALA SJ-1	8.5	ABC
DIXIE KING II	8.5	ABC
PAYMASTER 111	8.5	ABC
DELTAPINE 16	8.3	BCD
COKER 201	8.3	BCD
STONEVILLE 603	8.2	CD
TH 149	8.0	D

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
JACKSON, TENN.									
DELTAPINE 16	753	A	6.12	74	38.5	10.6	.53	1.11	116
STONEVILLE 603	741	AB	5.70	80	37.4	10.7	.48	1.06	121
STONEVILLE 213	717	ABC	5.63	81	38.9	10.3	.51	1.09	117
COKER 417	705	ABC	6.15	74	37.3	11.0	.52	1.11	123
MCNAIR 6207	701	ABC	6.06	75	37.6	11.0	.49	1.09	120
MC NAIR 1032B	685	ABCD	5.63	81	37.3	10.2	.51	1.05	134
COKER 310	669	ABCDE	5.88	77	38.3	11.1	.54	1.13	133
PAYMASTER 111	658	ABCDE	7.56	60	36.4	11.7	.49	1.04	132
COKER 201	624	BCDE	6.01	76	40.7	10.5	.47	1.03	120
TH 149	609	CDE	7.38	61	34.0	13.2	.52	1.07	134
DELCOT 277	577	DE	6.41	71	36.5	12.0	.52	1.10	126
ATLAS 67	576	DE	6.20	74	37.3	11.4	.51	1.05	144
DIXIE KING II	562	E	6.67	68	38.5	11.1	.47	1.05	118
ACALA SJ-1	562	E	6.62	69	36.0	13.3	.54	1.10	138
CROSSVILLE, ALA.									
DIXIE KING II	1094	A	7.02	65	40.8	10.8	.46	1.05	113
STONEVILLE 603	1062	AB	5.69	80	37.4	11.2	.48	1.11	111
COKER 310	1043	AB	6.02	76	41.4	10.5	.50	1.19	104
STONEVILLE 213	1042	AB	5.76	79	38.8	10.5	.47	1.10	107
MC NAIR 1032B	1035	AB	6.05	75	40.4	10.7	.48	1.05	115
DELTAPINE 16	1025	ABC	6.00	76	38.8	10.6	.49	1.14	110
COKER 417	1011	BCD	6.30	73	39.9	11.0	.49	1.16	123
TH 149	1009	BCD	7.33	62	38.2	13.5	.50	1.12	119
COKER 201	996	BCD	6.32	72	41.3	10.6	.45	1.08	118
DELCOT 277	983	BCDE	6.86	66	38.7	11.4	.49	1.15	118
ACALA SJ-1	950	CDE	7.19	63	37.0	14.0	.54	1.15	125
PAYMASTER 111	936	DE	7.35	62	37.6	12.4	.46	1.04	107
ATLAS 67	933	DE	6.33	72	37.8	11.8	.50	1.07	130
MCNAIR 6207	913	E	6.32	72	38.6	10.8	.49	1.13	110
AUBURN, ALA.									
STONEVILLE 603	1106	A	5.50	83	37.3	11.0	.48	1.13	106
STONEVILLE 213	1091	A	5.43	84	39.7	10.6	.45	1.08	110
DIXIE KING II	1071	A	6.36	72	38.2	11.3	.44	1.04	100
DELCOT 277	1070	A	6.33	72	37.5	11.7	.47	1.15	113
TH 149	1045	A	6.85	67	35.8	13.3	.52	1.14	122
ATLAS 67	1035	A	5.91	77	36.1	13.2	.52	1.15	129
MC NAIR 1032B	1027	A	4.95	92	38.0	10.5	.47	1.06	118
DELTAPINE 16	1023	A	5.18	88	37.4	10.9	.48	1.17	110
COKER 201	1016	A	5.63	81	38.9	10.8	.48	1.11	105
MCNAIR 6207	993	A	5.10	89	36.9	10.5	.49	1.12	105
COKER 417	984	A	5.35	85	38.4	10.8	.49	1.15	111
COKER 310	937	AB	5.45	84	37.6	10.8	.52	1.22	107
PAYMASTER 111	804	BC	6.65	68	35.6	12.3	.47	1.07	114
ACALA SJ-1	687	C	5.98	77	37.1	12.5	.49	1.13	129

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
JACKSON, TENN.									
DELTAPINE 16	5.38	1.11	0.95	37.8	19.3	9.7	77	8.0	86
STONEVILLE 603	5.16	1.10	0.92	39.4	20.7	8.9	76	8.0	84
STONEVILLE 213	5.38	1.07	0.92	37.4	19.3	7.9	74	8.5	86
COKER 417	4.81	1.11	0.89	38.3	20.5	7.8	76	8.3	80
MCNAIR 6207	4.88	1.09	0.90	42.0	20.1	7.5	76	8.3	83
MC NAIR 1032B	4.98	1.07	0.91	42.6	20.7	7.5	76	8.0	85
COKER 310	5.43	1.18	1.00	40.8	21.1	7.9	74	8.3	85
PAYMASTER 111	5.13	1.05	0.89	41.6	20.3	7.3	75	8.0	85
COKER 201	5.59	1.07	0.90	41.7	20.1	7.5	76	8.5	84
TH 149	4.94	1.09	0.93	44.5	21.9	6.7	75	8.0	85
DELCOT 277	4.66	1.11	0.91	39.2	20.8	9.2	74	8.5	82
ATLAS 67	5.30	1.06	0.91	47.4	23.8	6.6	74	8.5	86
DIXIE KING II	5.18	1.05	0.86	40.9	18.4	7.0	74	8.3	82
ACALA SJ-1	5.31	1.12	0.97	41.5	23.5	7.7	75	8.5	87
CROSSVILLE, ALA.									
DIXIE KING II	4.28	1.05	0.89	34.3	17.3	8.2	74	7.3	85
STONEVILLE 603	4.10	1.09	0.90	33.7	18.3	9.7	76	7.8	83
COKER 310	4.33	1.13	0.92	35.5	18.2	8.9	74	8.0	81
STONEVILLE 213	4.06	1.10	0.94	33.8	17.2	9.7	73	8.0	85
MC NAIR 1032B	4.50	1.05	0.88	36.1	18.1	9.4	74	7.8	84
DELTAPINE 16	4.00	1.15	0.98	31.3	17.3	11.4	75	8.0	85
COKER 417	4.06	1.17	1.00	35.5	18.1	9.0	73	7.5	85
TH 149	4.38	1.15	0.99	35.5	18.7	8.1	75	7.5	86
COKER 201	4.31	1.13	0.97	35.7	17.5	8.9	76	7.5	87
DELCOT 277	3.65	1.18	1.00	33.5	18.7	11.0	73	7.8	85
ACALA SJ-1	4.48	1.14	0.94	38.0	20.3	8.4	75	7.8	83
PAYMASTER 111	4.25	1.05	0.87	33.7	17.0	9.0	72	7.5	84
ATLAS 67	4.50	1.12	0.95	40.4	21.5	8.2	73	7.8	85
MCNAIR 6207	4.00	1.13	0.95	35.1	17.6	8.6	73	7.8	84
AUBURN, ALA.									
STONEVILLE 603	4.23	1.09	0.85	31.3	17.1	9.3	72	8.3	78
STONEVILLE 213	4.66	1.08	0.86	32.6	17.3	8.9	73	8.5	80
DIXIE KING II	4.01	1.02	0.78	32.2	16.2	7.5	73	8.5	76
DELCOT 277	3.86	1.15	0.88	31.5	17.9	10.0	69	8.8	77
TH 149	4.30	1.16	0.93	35.4	18.9	7.3	73	8.3	80
ATLAS 67	4.13	1.11	0.93	37.6	20.8	7.4	72	8.5	84
MC NAIR 1032B	4.25	1.05	0.86	33.6	18.1	8.4	73	8.8	82
DELTAPINE 16	3.75	1.15	0.90	30.3	17.0	10.3	69	8.3	79
COKER 201	3.95	1.09	0.88	33.0	16.7	8.2	71	8.3	80
MCNAIR 6207	3.68	1.08	0.83	32.6	16.5	8.3	72	8.8	77
COKER 417	3.65	1.13	0.89	32.4	17.7	8.2	72	9.0	79
COKER 310	4.10	1.14	0.84	31.6	17.6	8.1	72	8.5	74
PAYMASTER 111	3.88	1.05	0.87	33.7	17.9	8.1	72	8.8	83
ACALA SJ-1	4.10	1.13	0.95	38.9	21.8	7.9	72	8.0	84

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
EXPERIMENT, GA.									
DELTAPINE 16	1407	A	5.93	77	38.4	10.8	.54	1.14	114
COKER 201	1372	AB	6.56	69	41.5	10.7	.54	1.12	119
MCNAIR 6207	1364	ABC	6.39	71	39.1	10.7	.54	1.13	115
STONEVILLE 213	1356	ABC	6.05	75	38.4	11.5	.54	1.14	117
COKER 310	1330	ABCD	6.33	72	38.8	11.7	.57	1.24	124
COKER 417	1328	ABCD	6.57	69	36.9	11.5	.54	1.15	129
DELCOT 277	1315	ABCD	7.45	61	40.1	12.2	.56	1.13	129
STONEVILLE 603	1313	ABCD	5.93	77	35.8	12.1	.54	1.15	115
DIXIE KING II	1268	ABCD	7.00	65	37.6	11.5	.52	1.09	115
TH 149	1245	BCD	7.63	60	36.6	13.7	.55	1.15	127
MC NAIR 1032B	1223	CDE	5.84	78	37.6	10.8	.49	1.05	129
ATLAS 67	1203	DE	6.45	71	38.0	12.4	.53	1.07	139
PAYMASTER 111	1102	EF	7.48	61	36.5	12.4	.51	1.05	120
ACALA SJ-1	1058	F	6.92	66	37.0	13.3	.57	1.16	133
TIFTON, GA.									
COKER 417	835	A	6.91	66	36.3	12.3	.55	1.23	128
COKER 201	808	AB	6.75	68	38.6	11.6	.56	1.17	119
MC NAIR 1032B	730	ABC	5.97	76	36.6	12.1	.53	1.13	124
TH 149	723	ABCD	8.33	55	35.4	14.0	.57	1.18	130
DELTAPINE 16	722	ABCD	6.58	69	37.8	11.5	.56	1.20	117
COKER 310	684	BCD	6.68	68	38.0	12.4	.59	1.25	122
STONEVILLE 213	682	BCD	6.26	73	38.3	11.6	.56	1.17	114
STONEVILLE 603	663	CD	6.50	70	36.4	12.8	.54	1.18	114
DIXIE KING II	602	CDE	7.85	58	36.2	13.1	.56	1.16	112
DELCOT 277	594	DEF	7.20	63	36.3	13.4	.58	1.22	128
MCNAIR 6207	521	EFG	7.15	63	36.8	12.0	.54	1.18	116
PAYMASTER 111	474	FG	7.73	59	36.1	11.9	.51	1.10	109
ATLAS 67	450	G	6.84	67	36.5	13.4	.56	1.14	137
ACALA SJ-1	424	G	6.63	69	36.3	14.7	.58	1.19	123
FLORENCE, S.C.									
DELTAPINE 16	999	A	6.11	74	37.9	11.3	.54	1.16	115
STONEVILLE 213	963	A	5.94	77	37.7	11.5	.53	1.14	115
STONEVILLE 603	961	A	6.46	70	34.9	13.0	.55	1.20	113
COKER 201	953	A	6.49	70	37.4	12.0	.53	1.15	111
COKER 310	915	AB	6.44	71	36.6	12.7	.59	1.28	125
COKER 417	854	BC	6.63	69	35.1	12.6	.57	1.22	128
DIXIE KING II	837	BCD	6.95	66	35.3	12.7	.51	1.13	120
DELCOT 277	800	CD	6.72	68	36.3	13.4	.58	1.24	127
MC NAIR 1032B	770	CD	5.63	81	35.2	12.0	.52	1.14	119
TH 149	759	D	7.58	60	33.2	14.9	.59	1.22	127
MCNAIR 6207	754	D	6.22	73	34.8	12.5	.53	1.18	117
ATLAS 67	660	E	6.35	72	33.7	14.1	.54	1.14	141
PAYMASTER 111	610	E	7.68	59	33.5	13.9	.50	1.08	114
ACALA SJ-1	527	F	7.22	63	33.0	15.3	.54	1.17	126

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
				EXPERIMENT, GA.					
DELTAPINE 16	4.70	1.15	0.95	30.8	17.9	10.3	78	8.8	83
COKER 201	4.99	1.14	0.95	35.1	18.2	7.6	77	8.8	83
MCNAIR 6207	4.59	1.14	0.94	32.7	17.8	8.0	76	9.0	82
STONEVILLE 213	4.85	1.17	1.02	33.8	18.8	9.5	77	9.3	88
COKER 310	4.78	1.27	1.01	33.1	18.6	8.1	78	9.0	80
COKER 417	4.46	1.21	1.00	34.0	18.6	7.6	77	8.8	83
DELCOT 277	4.36	1.15	0.96	32.5	19.1	10.3	75	9.3	83
STONEVILLE 603	4.56	1.20	1.04	33.0	18.4	9.9	78	8.8	87
DIXIE KING II	4.60	1.07	0.87	32.2	17.3	8.5	77	9.0	81
TH 149	4.90	1.19	1.06	37.0	20.0	7.8	77	8.0	89
MC NAIR 1032B	4.86	1.07	0.91	31.2	18.7	8.3	76	8.8	85
ATLAS 67	4.75	1.08	0.94	39.1	21.5	7.2	75	9.0	87
PAYMASTER 111	4.80	1.06	0.89	32.7	18.0	8.3	77	9.0	84
ACALA SJ-1	4.59	1.11	0.93	38.2	20.8	8.2	77	9.0	85
				TIFTON, GA.					
COKER 417	4.44	1.24	1.07	36.7	19.7	8.0	77	9.3	87
COKER 201	4.91	1.18	1.01	34.3	18.2	8.3	76	8.3	86
MC NAIR 1032B	5.03	1.14	0.96	35.7	19.2	8.2	75	9.0	85
TH 149	4.60	1.21	1.06	36.5	20.0	7.7	77	8.0	88
DELTAPINE 16	4.98	1.20	1.00	32.5	18.7	10.0	78	8.3	84
COKER 310	4.90	1.26	1.08	34.8	18.9	8.1	75	8.8	87
STONEVILLE 213	5.06	1.17	1.00	33.0	17.9	9.2	77	8.8	86
STONEVILLE 603	4.75	1.20	1.00	33.2	18.3	9.3	78	8.3	84
DIXIE KING II	4.73	1.16	1.01	33.8	17.6	7.9	75	9.0	87
DELCOT 277	4.10	1.23	1.03	33.0	19.1	9.7	75	9.3	84
MCNAIR 6207	4.56	1.17	0.97	33.4	18.6	7.9	73	8.5	83
PAYMASTER 111	4.76	1.08	0.91	34.4	18.1	7.6	72	8.8	84
ATLAS 67	4.88	1.12	0.96	40.8	22.0	7.0	76	8.5	86
ACALA SJ-1	4.59	1.20	1.09	34.7	20.6	8.3	77	8.5	91
				FLORENCE, S.C.					
DELTAPINE 16	4.61	1.18	0.99	31.8	18.8	5.5	81	8.5	84
STONEVILLE 213	5.14	1.17	1.02	31.3	17.8	9.5	79	9.0	87
STONEVILLE 603	4.59	1.18	0.99	31.1	17.8	9.8	79	8.3	84
COKER 201	4.70	1.15	0.94	32.6	18.0	8.4	78	8.5	82
COKER 310	4.58	1.29	1.06	33.0	18.5	8.6	78	8.8	83
COKER 417	4.41	1.25	1.03	34.6	18.8	7.8	79	8.8	82
DIXIE KING II	4.63	1.17	1.00	32.3	16.9	8.6	77	9.0	85
DELCOT 277	4.18	1.26	1.07	32.0	18.9	10.2	77	9.3	85
MC NAIR 1032B	4.58	1.12	0.95	33.8	18.1	8.5	76	10.0	85
TH 149	4.56	1.21	1.04	33.8	18.7	8.1	78	8.5	86
MCNAIR 6207	4.28	1.19	0.98	32.5	17.8	8.7	79	9.0	83
ATLAS 67	4.91	1.16	1.03	39.5	21.9	7.4	79	8.8	89
PAYMASTER 111	4.89	1.10	0.94	31.9	17.7	8.8	77	8.5	86
ACALA SJ-1	4.50	1.19	1.03	32.9	19.5	8.8	76	9.0	87

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
				ROCKY MT., N.C.					
STONEVILLE 213	982	A	5.85	78	34.9	11.1	.51	1.12	118
ACALA SJ-1	975	A	6.98	65	34.2	12.8	.55	1.15	132
COKER 310	970	A	5.72	79	36.0	10.0	.52	1.21	123
STONEVILLE 603	962	AB	6.01	75	34.1	11.3	.52	1.14	116
COKER 201	940	ABC	5.91	77	36.6	10.1	.51	1.13	121
COKER 417	926	ABC	6.08	75	34.6	11.2	.52	1.17	130
DIXIE KING II	890	ABCD	6.86	66	35.1	10.6	.48	1.07	114
DELTAPINE 16	885	ABCD	5.82	78	35.6	10.5	.53	1.15	123
MCNAIR 6207	866	BCD	5.88	77	33.6	10.7	.49	1.12	112
TH 149	862	BCD	6.84	67	33.5	12.5	.52	1.11	121
DELCOT 277	856	CD	6.77	67	34.9	11.7	.54	1.17	133
MC NAIR 1032B	850	CD	5.74	79	35.0	10.6	.50	1.08	127
ATLAS 67	810	DE	5.97	76	34.0	12.2	.53	1.08	139
PAYMASTER 111	727	E	6.70	68	32.4	11.8	.47	1.03	113

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
				ROCKY MT., N.C.					
STONEVILLE 213	4.38	1.14	0.96	32.9	18.4	9.4	76	8.5	84
ACALA SJ-1	3.98	1.17	0.99	34.5	20.2	8.0	78	8.8	85
COKER 310	3.45	1.18	0.91	32.7	18.4	8.3	77	8.3	77
STONEVILLE 603	3.78	1.13	0.93	32.7	18.5	9.8	78	8.5	82
COKER 201	3.83	1.13	0.91	31.8	17.5	8.2	78	8.5	80
COKER 417	3.83	1.20	0.98	34.2	18.3	8.0	78	8.5	82
DIXIE KING II	3.81	1.08	0.87	31.0	12.3	7.5	77	8.8	81
DELTAPINE 16	4.05	1.21	1.02	32.4	18.6	10.3	80	8.5	85
MCNAIR 6207	3.55	1.08	0.80	32.1	17.6	8.6	76	8.0	74
TH 149	3.93	1.14	0.96	33.4	19.0	8.5	78	7.8	84
DELCOT 277	3.38	1.19	0.99	33.3	20.0	10.6	77	8.8	3
MC NAIR 1032B	4.25	1.09	0.93	34.8	18.8	7.9	78	9.0	86
ATLAS 67	4.23	1.11	0.96	37.0	20.9	7.5	76	9.0	86
PAYMASTER 111	3.71	1.06	0.85	31.0	17.1	8.1	77	8.8	90

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
STONEVILLE 213	932 A	5.65	81	35.1	11.9	.53	1.17	117
DELTAPINE 45A	911 AB	5.57	82	35.8	11.7	.53	1.14	125
DELTAPINE 16	902 ABC	5.95	77	35.0	11.8	.54	1.20	126
STONEVILLE 7A	899 ABC	5.62	81	34.5	12.2	.54	1.21	124
DELCOT 277	827 BCD	6.41	71	34.5	13.4	.56	1.21	140
COKER 417	808 CDE	6.01	76	33.5	13.0	.55	1.23	134
COKER 201	804 CDE	6.00	76	36.1	12.5	.54	1.17	126
STONEVILLE 508	771 DEF	6.35	72	36.5	12.2	.54	1.22	129
MC NAIR 1032B	737 DEF	5.64	81	33.8	12.6	.53	1.14	131
MO-DEL	735 DEF	6.56	69	33.6	14.5	.55	1.17	131
PAYMASTER 111	709 EF	6.93	66	33.6	13.5	.51	1.10	124
ACALA SJ-1	687 F	6.49	71	33.3	14.7	.54	1.18	143

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ST JOSEPH, LA.	1220 A	5.99	76	34.9	12.6	.56	1.20	130
FT PILL., TENN.	814 B	6.67	68	34.8	12.8	.56	1.20	134
PORT'VILLE, MO.	812 B			35.5		.49	1.11	118
KELSO, ARK.	752 BC	6.04	76	36.5	13.7	.53	1.19	123
ST'VILLE, MISS.	731 C	5.75	79	32.4	12.0	.53	1.14	132
CL'DALE, ARK.	725 C	6.47	71	34.2	13.1	.55	1.21	132
TUNICA, MISS.	618 D	5.66	81	33.9	12.9	.54	1.18	135

BOLL SIZE, GRAM PER BOLL

PAYMASTER 111	6.93 A
MO-DEL	6.56 B
ACALA SJ-1	6.49 B
DELCOT 277	6.41 B
STONEVILLE 508	6.35 B
COKER 417	6.01 C
COKER 201	6.00 C
DELTAPINE 16	5.95 C
STONEVILLE 213	5.65 D
MC NAIR 1032B	5.64 D
STONEVILLE 7A	5.62 D
DELTAPINE 45A	5.57 D

BOLL SIZE, NO. PER LB.

DELTAPINE 45A	82 A
STONEVILLE 7A	81 A
STONEVILLE 213	81 A
MC NAIR 1032B	81 A
DELTAPINE 16	77 B
COKER 201	76 B
COKER 417	76 B
STONEVILLE 508	72 C
ACALA SJ-1	71 C
DELCOT 277	71 C
MO-DEL	69 CD
PAYMASTER 111	66 D

1969 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
STONEVILLE 213	4.86	1.17	0.97	37.3	18.9	8.0	74	8.4	83
DELTAPINE 45A	4.67	1.15	0.97	36.7	19.4	8.6	75	8.2	84
DELTAPINE 16	4.64	1.20	0.98	35.9	19.5	9.3	76	8.0	82
STONEVILLE 7A	4.72	1.20	0.96	40.1	19.2	6.9	75	8.2	80
DELCOT 277	3.96	1.21	1.00	37.1	20.9	9.5	74	8.7	82
COKER 417	4.31	1.22	0.98	39.5	20.2	7.2	75	8.2	81
COKER 201	4.65	1.18	0.98	38.4	19.4	7.3	75	8.2	83
STONEVILLE 508	4.23	1.18	0.95	37.8	19.9	8.2	75	8.4	81
MC NAIR 1032B	4.72	1.13	0.95	40.3	20.6	7.5	74	8.3	84
MO-DEL	4.65	1.18	0.98	37.8	20.5	9.0	73	8.8	84
PAYMASTER 111	4.63	1.09	0.92	39.3	19.7	7.4	74	8.5	84
ACALA SJ-1	4.62	1.20	1.03	41.9	23.0	7.0	74	8.5	85

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
ST JOSEPH, LA.	4.24	1.19	0.95	37.6	20.0	7.9	74	8.6	80
FT PILL., TENN.	4.46	1.21	1.00	37.1	19.3	8.4	77	8.4	82
PORT'VILLE, MO.	4.78	1.12	0.92	38.3	19.6	8.4	72	8.2	82
KELSO, ARK.	5.10	1.17	0.97	40.2	20.4	7.2	73	8.3	83
ST'VILLE, MISS.	4.19	1.16	0.97	38.3	20.3	8.1	75	8.3	84
CL'DALE, ARK.	4.48	1.21	1.02	37.6	19.9	7.9	74	8.2	84
TUNICA, MISS.	4.64	1.18	0.98	40.5	21.2	8.1	76	8.4	83

LINT PCT.

STONEVILLE 508	36.5 A
COKER 201	36.1 A
DELTAPINE 45A	35.8 AB
STONEVILLE 213	35.1 BC
DELTAPINE 16	35.0 C
STONEVILLE 7A	34.5 CD
DELCOT 277	34.5 CD
MC NAIR 1032B	33.8 DE
MO-DEL	33.6 E
PAYMASTER 111	33.6 E
COKER 417	33.5 E
ACALA SJ-1	33.3 E

SEED INDEX

ACALA SJ-1	14.7 A
MO-DEL	14.5 A
PAYMASTER 111	13.5 B
DELCOT 277	13.4 BC
COKER 417	13.0 CD
MC NAIR 1032B	12.6 DE
COKER 201	12.5 E
STONEVILLE 7A	12.2 EF
STONEVILLE 508	12.2 EF
STONEVILLE 213	11.9 FG
DELTAPINE 16	11.8 FG
DELTAPINE 45A	11.7 G

SPAN LENGTH, 50 PCT.

DELCOT 277	0.56	A
COKER 417	0.55	AB
MO-DEL	0.55	AB
DELTAPINE 16	0.54	BC
STONEVILLE 508	0.54	BC
COKER 201	0.54	BC
ACALA SJ-1	0.54	BC
STONEVILLE 7A	0.54	BC
DELTAPINE 45A	0.53	C
STONEVILLE 213	0.53	C
MC NAIR 1032B	0.53	C
PAYMASTER 111	0.51	D

SPAN LENGTH, 2.5 PCT.

COKER 417	1.23	A
STONEVILLE 508	1.22	AB
DELCOT 277	1.21	AB
STONEVILLE 7A	1.21	AB
DELTAPINE 16	1.20	BC
ACALA SJ-1	1.18	CD
COKER 201	1.17	D
STONEVILLE 213	1.17	D
MO-DEL	1.17	D
MC NAIR 1032B	1.14	E
DELTAPINE 45A	1.14	E
PAYMASTER 111	1.10	F

22'S

ACALA SJ-1	143	A
DELCOT 277	140	A
COKER 417	134	B
MC NAIR 1032B	131	BC
MO-DEL	131	BC
STONEVILLE 508	129	CD
COKER 201	126	DE
DELTAPINE 16	126	DE
DELTAPINE 45A	125	DE
STONEVILLE 7A	124	E
PAYMASTER 111	124	E
STONEVILLE 213	117	F

MICRONAIRE

STONEVILLE 213	4.86	A
STONEVILLE 7A	4.72	AB
MC NAIR 1032B	4.72	AB
DELTAPINE 45A	4.67	B
COKER 201	4.65	B
MO-DEL	4.65	B
DELTAPINE 16	4.64	B
PAYMASTER 111	4.63	B
ACALA SJ-1	4.62	B
COKER 417	4.31	C
STONEVILLE 508	4.23	C
DELCOT 277	3.96	D

DRAWING SLIVER, UHM

COKER 417	1.22	A
DELCOT 277	1.21	A
ACALA SJ-1	1.20	AB
DELTAPINE 16	1.20	AB
STONEVILLE 7A	1.20	AB
COKER 201	1.18	BC
MO-DEL	1.18	BC
STONEVILLE 508	1.18	BC
STONEVILLE 213	1.17	C
DELTAPINE 45A	1.15	D
MC NAIR 1032B	1.13	E
PAYMASTER 111	1.09	F

DRAWING SLIVER, MEAN

ACALA SJ-1	1.03	A
DELCOT 277	1.00	AB
COKER 417	0.98	BC
DELTAPINE 16	0.98	BC
MO-DEL	0.98	BC
COKER 201	0.98	BC
STONEVILLE 213	0.97	BC
DELTAPINE 45A	0.97	BC
STONEVILLE 7A	0.96	C
STONEVILLE 508	0.95	CD
MC NAIR 1032B	0.95	CD
PAYMASTER 111	0.92	D

UNIFORMITY RATIO

ACALA SJ-1	85	A
DELTAPINE 45A	84	AB
MC NAIR 1032B	84	AB
MO-DEL	84	AB
PAYMASTER 111	84	AB
COKER 201	83	ABC
STONEVILLE 213	83	ABC
DELCOT 277	82	BCD
DELTAPINE 16	82	BCD
COKER 417	81	CD
STONEVILLE 508	81	CD
STONEVILLE 7A	80	D

STELOMETER - TO

ACALA SJ-1	41.9	A
MC NAIR 1032B	40.3	B
STONEVILLE 7A	40.1	BC
COKER 417	39.5	BC
PAYMASTER 111	39.3	C
COKER 201	38.4	D
MO-DEL	37.8	DE
STONEVILLE 508	37.8	DE
STONEVILLE 213	37.3	EF
DELCOT 277	37.1	EF
DELTAPINE 45A	36.7	FG
DELTAPINE 16	35.9	G

STELOMETER - T1

ACALA SJ-1	23.0	A
DELCOT 277	20.9	B
MC NAIR 1032B	20.6	BC
MO-DEL	20.5	BCD
COKER 417	20.2	CDE
STONEVILLE 508	19.9	DEF
PAYMASTER 111	19.7	EF
DELTAPINE 16	19.5	FG
DELTAPINE 45A	19.4	FG
COKER 201	19.4	FG
STONEVILLE 7A	19.2	FG
STONEVILLE 213	18.9	G

STELOMETER - E1

DELCOT 277	9.5	A
DELTAPINE 16	9.3	AB
MO-DEL	9.0	B
DELTAPINE 45A	8.6	C
STONEVILLE 508	8.2	D
STONEVILLE 213	8.0	D
MC NAIR 1032B	7.5	E
PAYMASTER 111	7.4	EF
COKER 201	7.3	EFG
COKER 417	7.2	EFG
ACALA SJ-1	7.0	FG
STONEVILLE 7A	6.9	G

COLORIMETER -RD

DELTAPINE 16	76	A
COKER 417	75	AB
COKER 201	75	AB
DELTAPINE 45A	75	AB
STONEVILLE 508	75	AB
STONEVILLE 7A	75	AB
ACALA SJ-1	74	BC
STONEVILLE 213	74	BC
DELCOT 277	74	BC
MC NAIR 1032B	74	BC
PAYMASTER 111	74	BC
MO-DEL	73	C

COLORIMETER -B

MO-DEL	8.8	A
DELCOT 277	8.7	AB
PAYMASTER 111	8.5	BC
ACALA SJ-1	8.5	BC
STONEVILLE 508	8.4	CD
STONEVILLE 213	8.4	CD
MC NAIR 1032B	8.3	CD
COKER 417	8.2	DE
DELTAPINE 45A	8.2	DE
STONEVILLE 7A	8.2	DE
COKER 201	8.2	DE
DELTAPINE 16	8.0	E

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ST JOSEPH, LA.									
DELTAPINE 45A	1372	A	5.45	83	36.5	11.3	.55	1.16	128
STONEVILLE 213	1368	AB	5.42	84	35.5	11.5	.55	1.19	120
STONEVILLE 7A	1359	ABC	5.40	84	34.8	11.7	.58	1.25	123
DELTAPINE 16	1344	ABC	5.76	79	35.8	11.9	.57	1.23	133
COKER 201	1312	ABC	5.74	79	36.9	11.8	.55	1.17	126
ACALA SJ-1	1225	BCD	6.65	68	33.5	14.8	.56	1.20	139
COKER 417	1221	CD	5.94	77	33.5	12.6	.55	1.24	138
MO-DEL	1142	DE	6.52	70	33.4	14.4	.55	1.18	129
STONEVILLE 508	1088	DE	6.24	73	37.1	12.1	.55	1.25	133
PAYMASTER 111	1051	E	6.79	67	33.7	13.2	.53	1.12	119
DELCOT 277	1008	E	6.32	72	33.4	13.6	.56	1.22	147
STONEVILLE, MISS.									
STONEVILLE 213	895	A	5.33	85	33.2	10.9	.52	1.13	118
DELTAPINE 45A	895	A	5.32	85	34.2	11.1	.51	1.10	125
DELTAPINE 16	853	A	5.61	81	32.8	10.2	.53	1.17	129
DELCOT 277	792	B	6.31	72	32.1	12.6	.54	1.16	145
STONEVILLE 7A	773	BC	5.20	87	32.2	11.0	.53	1.17	123
MO-DEL	733	BC	6.22	73	31.8	13.6	.53	1.13	134
COKER 201	732	BC	5.65	81	33.6	11.7	.51	1.13	128
STONEVILLE 508	711	CD	5.93	77	34.7	11.4	.54	1.19	139
COKER 417	662	DE	5.61	81	30.9	12.3	.54	1.19	135
MC NAIR 1032B	608	EF	5.15	88	30.8	11.7	.50	1.10	131
PAYMASTER 111	579	FG	6.70	68	31.1	13.0	.51	1.09	129
ACALA SJ-1	536	G	5.98	76	30.9	13.8	.52	1.14	155
TUNICA, MISS.									
STONEVILLE 213	721	A	5.30	86	35.0	11.7	.51	1.16	124
STONEVILLE 7A	720	A	5.37	85	34.0	12.6	.56	1.23	130
COKER 201	670	AB	5.49	83	35.5	13.1	.54	1.15	126
DELTAPINE 16	663	AB	5.47	83	33.6	12.2	.54	1.20	134
DELTAPINE 45A	645	ABC	5.23	88	34.4	11.3	.53	1.12	132
COKER 417	625	BC	5.64	81	32.1	13.2	.56	1.24	142
ACALA SJ-1	624	BC	5.83	78	33.6	14.2	.55	1.19	156
STONEVILLE 508	604	BC	6.13	74	35.7	12.5	.54	1.22	130
MC NAIR 1032B	598	BC	5.45	83	32.2	12.7	.53	1.13	140
DELCOT 277	576	C	5.90	77	34.1	13.2	.57	1.20	147
MO-DEL	500	D	5.92	77	32.7	14.5	.54	1.18	138
PAYMASTER 111	467	D	6.17	74	33.2	13.0	.51	1.10	127
CLARKSVILLE, ARK.									
DELCOT 277	991	A	6.92	66	33.9	13.7	.59	1.28	140
DELTAPINE 16	909	AB	5.87	78	35.5	11.8	.56	1.23	130
COKER 417	811	ABC	6.51	70	34.2	13.1	.56	1.24	139
STONEVILLE 213	773	ABC	6.01	76	34.5	12.1	.55	1.22	118
PAYMASTER 111	766	ABC	7.31	63	33.9	13.8	.51	1.08	123
DELTAPINE 45A	752	BC	5.70	80	34.2	11.9	.53	1.18	128
STONEVILLE 7A	730	BC	5.99	76	34.0	12.2	.55	1.25	131
STONEVILLE 508	668	CD	6.87	66	35.7	12.8	.55	1.25	128
COKER 201	642	CD	6.54	69	35.5	12.6	.56	1.24	129
MC NAIR 1032B	612	CD	5.77	79	34.0	12.9	.54	1.16	134
MO-DEL	570	CD	6.86	67	32.7	14.7	.56	1.22	138
ACALA SJ-1	476	D	7.28	62	32.5	15.0	.54	1.20	147

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
ST JOSEPH, LA.									
DELTAPINE 45A	4.43	1.15	0.92	36.5	18.9	8.0	75	7.8	80
STONEVILLE 213	4.53	1.18	0.95	36.8	18.6	8.0	74	8.5	81
STONEVILLE 7A	4.46	1.22	0.95	38.6	18.4	7.0	73	8.5	79
DELTAPINE 16	4.28	1.23	1.03	35.3	20.1	9.1	76	8.3	84
COKER 201	4.43	1.18	0.98	37.0	18.4	7.5	75	8.5	83
ACALA SJ-1	4.31	1.23	1.05	39.5	22.5	7.3	75	9.0	85
COKER 417	3.85	1.20	0.87	39.4	20.8	7.3	75	9.0	73
MO-DEL	4.15	1.18	0.94	36.3	19.0	8.5	74	9.0	79
STONEVILLE 508	3.98	1.21	0.94	36.7	19.8	8.3	76	8.8	79
PAYMASTER 111	4.30	1.09	0.87	38.9	21.0	7.7	74	8.8	80
DELCOT 277	3.78	1.23	1.00	36.9	21.3	8.9	74	9.0	82
STONEVILLE, MISS.									
STONEVILLE 213	4.35	1.14	0.94	37.3	19.2	8.1	74	8.5	83
DELTAPINE 45A	4.59	1.14	0.99	37.0	20.3	8.5	74	8.3	88
DELTAPINE 16	4.18	1.17	0.93	35.5	18.9	9.4	78	8.0	80
DELCOT 277	3.70	1.20	1.01	37.0	21.1	9.8	74	8.8	85
STONEVILLE 7A	4.30	1.19	0.96	39.0	19.4	7.0	76	8.0	81
MO-DEL	4.29	1.17	1.00	37.6	21.0	9.0	75	8.8	86
COKER 201	4.34	1.14	0.96	36.9	19.1	7.3	76	8.0	84
STONEVILLE 508	3.82	1.19	0.97	38.7	21.1	8.3	77	8.3	82
COKER 417	3.90	1.20	1.00	38.4	19.8	7.5	75	8.0	84
MC NAIR 1032B	4.36	1.10	0.93	39.9	20.7	7.4	76	8.3	84
PAYMASTER 111	4.23	1.09	0.92	39.2	19.2	7.2	74	8.5	84
ACALA SJ-1	4.21	1.19	1.04	42.6	24.0	7.0	77	8.5	88
TUNICA, MISS.									
STONEVILLE 213	4.91	1.18	0.96	39.8	19.5	8.2	76	8.3	82
STONEVILLE 7A	4.86	1.20	0.95	42.4	19.8	6.8	77	8.0	80
COKER 201	4.90	1.18	1.01	40.3	21.0	6.9	76	8.3	86
DELTAPINE 16	4.70	1.21	1.00	37.9	21.0	9.7	78	7.8	83
DELTAPINE 45A	4.68	1.13	0.94	39.4	20.8	8.8	76	8.8	83
COKER 417	4.23	1.22	1.01	40.0	20.8	7.4	77	8.0	83
ACALA SJ-1	4.65	1.19	1.02	45.0	25.0	7.1	77	8.3	86
STONEVILLE 508	4.40	1.17	0.94	38.9	20.4	8.3	78	8.5	81
MC NAIR 1032B	4.83	1.14	0.99	42.6	21.6	7.4	77	8.5	87
DELCOT 277	3.98	1.20	0.99	39.2	21.9	9.9	77	8.8	83
MO-DEL	4.78	1.18	0.99	39.6	21.9	9.4	74	9.0	84
PAYMASTER 111	4.73	1.10	0.92	40.2	20.0	7.5	75	8.5	84
CLARKEDALE, ARK.									
DELCOT 277	3.78	1.26	1.05	36.2	21.1	9.8	74	9.0	83
DELTAPINE 16	4.76	1.22	1.02	34.8	19.5	8.8	75	7.8	84
COKER 417	4.35	1.27	1.06	38.5	19.8	7.0	76	8.0	84
STONEVILLE 213	4.69	1.20	0.97	36.2	18.6	7.5	72	8.0	82
PAYMASTER 111	4.91	1.07	0.92	38.5	19.0	7.3	75	8.5	86
DELTAPINE 45A	4.40	1.20	1.04	36.0	19.6	8.7	75	8.0	87
STONEVILLE 7A	4.45	1.23	1.01	39.7	19.7	6.8	75	8.0	82
STONEVILLE 508	4.40	1.22	1.00	37.2	19.0	7.5	75	8.0	82
COKER 201	4.11	1.24	1.01	36.8	19.0	7.5	75	8.0	81
MC NAIR 1032B	4.76	1.17	1.02	39.1	20.9	8.1	75	8.5	88
MO-DEL	4.71	1.22	1.07	37.1	20.5	9.2	74	8.5	88
ACALA SJ-1	4.45	1.23	1.08	40.5	22.2	6.2	75	8.5	88

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GPAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	22'S
KELSO, ARK.									
STONEVILLE 213	929	A	5.40	84	37.5	12.5	.52	1.18	110
DELTAPINE 45A	924	A	5.38	85	38.3	12.1	.52	1.15	117
STONEVILLE 7A	918	A	5.47	83	36.3	13.0	.54	1.22	117
DELTAPINE 16	853	AB	6.70	68	36.2	12.6	.54	1.20	117
COKER 417	786	BC	5.94	77	34.5	14.1	.56	1.28	128
DELCOT 277	748	CD	6.29	72	37.7	14.5	.54	1.20	134
STONEVILLE 508	745	CD	6.15	74	37.7	12.5	.54	1.23	120
COKER 201	693	DE	5.94	77	38.3	13.6	.54	1.19	124
ACALA SJ-1	657	DEF	5.89	78	35.7	15.2	.53	1.17	135
PAYMASTER 111	636	EFG	6.82	67	35.4	14.9	.49	1.09	119
MO-DEL	571	FG	6.81	67	35.3	15.0	.56	1.17	129
MC NAIR 1032B	558	G	5.72	80	35.3	13.8	.52	1.13	122
PORTAGEVILLE, MO.									
STONEVILLE 7A	927	A		0	35.8		.48	1.14	114
DELTAPINE 45A	884	A		0	36.9		.46	1.06	116
STONEVILLE 508	867	A		0	38.2		.46	1.09	112
DELCOT 277	838	A		0	35.8		.51	1.16	128
COKER 417	833	A		0	34.6		.49	1.14	125
MC NAIR 1032B	813	A		0	35.6		.47	1.06	118
STONEVILLE 213	806	A		0	34.8		.48	1.10	106
DELTAPINE 16	805	A		0	36.1		.50	1.12	113
MO-DEL	800	A		0	35.0		.51	1.11	122
COKER 201	785	A		0	36.0		.52	1.13	112
PAYMASTER 111	731	A		0	33.3		.47	1.06	117
ACALA SJ-1	656	A		0	33.3		.53	1.14	133
FORT PILLOW, TENN.									
STONEVILLE 213	1031	A	6.41	71	35.3	12.5	.53	1.17	125
DELTAPINE 45A	905	B	6.33	72	35.8	12.4	.56	1.18	128
DELTAPINE 16	889	B	6.26	73	35.0	11.8	.55	1.22	130
STONEVILLE 7A	865	B	6.27	72	34.2	12.6	.54	1.22	130
DELCOT 277	838	BC	6.72	68	34.0	12.7	.58	1.26	144
MO-DEL	832	BC	7.03	65	34.1	14.3	.55	1.17	129
MC NAIR 1032B	822	BC	6.15	74	34.6	12.2	.57	1.20	142
COKER 201	795	BC	6.65	69	37.0	12.3	.55	1.18	137
PAYMASTER 111	731	CD	7.75	59	34.3	12.7	.54	1.12	132
COKER 417	717	CD	6.42	71	34.3	12.5	.55	1.24	135
STONEVILLE 508	712	CD	6.78	67	36.3	12.1	.58	1.26	140
ACALA SJ-1	636	D	7.28	62	33.0	15.0	.55	1.20	138

1969 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
KELSO, ARK.									
STONEVILLE 213	5.36	1.17	0.97	37.8	18.9	7.6	75	8.5	83
DELTAPINE 45A	5.25	1.15	0.99	37.5	19.8	8.1	74	8.3	86
STONEVILLE 7A	5.28	1.16	0.92	41.9	19.7	5.5	74	8.0	79
DELTAPINE 16	5.21	1.19	0.99	37.3	19.4	9.2	76	7.8	84
COKER 417	5.03	1.24	1.00	41.5	21.1	5.8	74	7.8	81
DELCOT 277	4.60	1.20	1.02	37.8	21.1	9.2	74	8.5	86
STONEVILLE 508	4.55	1.16	0.92	38.5	19.6	7.5	74	8.5	80
COKER 201	5.33	1.18	0.98	41.3	19.6	6.1	75	8.5	83
ACALA SJ-1	5.09	1.18	1.00	44.6	23.2	6.4	74	8.3	86
PAYMASTER 111	5.13	1.08	0.91	41.2	19.8	6.0	71	8.3	84
MO-DEL	5.15	1.17	1.00	39.7	21.6	8.4	71	9.0	85
MC NAIR 1032B	5.25	1.09	0.92	43.5	21.5	6.5	71	8.0	84
PORTAGEVILLE, MO.									
STONEVILLE 7A	4.83	1.14	0.91	39.3	18.6	7.5	73	8.3	80
DELTAPINE 45A	4.70	1.08	0.90	35.2	18.2	9.1	72	8.0	83
STONEVILLE 508	4.60	1.09	0.89	38.1	20.1	8.5	72	8.3	82
DELCOT 277	4.28	1.14	0.89	36.8	20.3	9.8	71	8.5	78
COKER 417	4.43	1.13	0.93	39.2	19.4	7.5	73	8.0	83
MC NAIR 1032B	4.98	1.08	0.89	39.7	19.6	8.0	72	8.0	83
STONEVILLE 213	5.08	1.10	0.93	37.5	18.7	8.0	70	8.3	85
DELTAPINE 16	4.93	1.14	0.90	36.5	18.5	9.4	73	8.0	80
MO-DEL	4.80	1.12	0.90	37.7	20.3	9.3	71	8.3	80
COKER 201	4.96	1.12	0.94	38.9	18.8	7.7	73	8.3	84
PAYMASTER 111	4.95	1.07	0.94	39.6	19.2	8.0	71	8.5	88
ACALA SJ-1	4.83	1.15	0.94	40.4	22.6	7.5	70	8.5	82
FORT PILLOW, TENN.									
STONEVILLE 213	5.10	1.21	1.01	35.5	18.4	8.4	77	8.5	84
DELTAPINE 45A	4.65	1.19	1.01	34.7	18.4	8.9	79	8.5	85
DELTAPINE 16	4.40	1.25	1.00	34.0	18.6	9.4	78	8.3	80
STONEVILLE 7A	4.90	1.24	1.00	39.8	18.7	7.7	78	8.5	81
DELCOT 277	3.64	1.24	1.02	35.9	19.4	9.2	77	8.5	82
MO-DEL	4.65	1.18	0.99	36.7	19.4	9.2	74	9.0	84
MC NAIR 1032B	4.45	1.19	0.99	37.5	19.3	7.7	77	8.5	83
COKER 201	4.51	1.21	0.98	37.3	19.5	8.3	78	8.0	81
PAYMASTER 111	4.18	1.12	0.92	37.6	19.3	7.6	77	8.3	83
COKER 417	4.38	1.24	0.99	38.9	19.5	7.9	75	8.5	80
STONEVILLE 508	3.90	1.24	0.99	36.5	19.1	8.9	78	8.5	81
ACALA SJ-1	4.80	1.23	1.03	40.8	21.2	7.8	75	8.3	84

1969 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
STONEVILLE 213	899 A	4.77	96	38.9	10.0	.50	1.06	115
COKER 201	861 A	5.20	88	39.1	10.8	.50	1.06	121
DELTAPINE 45A	802 AB	4.87	94	38.9	10.3	.50	1.06	120
DELTAPINE 16	787 AB	5.11	90	37.9	10.3	.50	1.08	121
COKER 417	781 AB	5.17	88	36.0	11.0	.51	1.12	127
STONEVILLE 7A	760 AB	4.72	97	38.9	9.8	.50	1.09	119
ACALA SJ-1	689 BC	5.50	84	35.8	12.7	.53	1.10	149
PAYMASTER 111	593 C	6.17	75	36.8	11.8	.50	1.05	121

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
WESLACO, TEX.	1170 A	6.19	74	38.8	10.9	.54	1.10	129
HOPE, ARK.	924 B	5.04	91	38.6	11.3	.48	1.07	115
COL. STA., TEX.	776 C	4.84	95	35.4		.50	1.09	123
BOSSIER C., LA.	751 C	5.10	89	39.0	11.1	.51	1.10	128
N'CES CT., TEX.	237 D	4.78	96	37.1	10.0	.49	1.02	126

BOLL SIZE, GRAM PER BOLL

PAYMASTER 111	6.17 A
ACALA SJ-1	5.50 B
COKER 201	5.20 BC
COKER 417	5.17 CD
DELTAPINE 16	5.11 CD
DELTAPINE 45A	4.87 DE
STONEVILLE 213	4.77 E
STONEVILLE 7A	4.72 E

BOLL SIZE, NO. PER LB.

STONEVILLE 7A	97 A
STONEVILLE 213	96 A
DELTAPINE 45A	94 AB
DELTAPINE 16	90 BC
COKER 417	88 CD
COKER 201	88 CD
ACALA SJ-1	84 D
PAYMASTER 111	75 E

1969 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
STONEVILLE 213	4.81	1.04	0.85	38.2	18.9	7.7	72	8.4	82
COKER 201	4.62	1.04	0.85	40.7	19.4	6.9	73	8.6	82
DELTAPINE 45A	4.76	1.05	0.87	37.9	19.3	7.9	72	8.4	83
DELTAPINE 16	4.70	1.07	0.87	38.4	19.4	8.2	74	8.4	82
COKER 417	4.22	1.09	0.88	40.1	19.1	6.9	73	8.3	81
STONEVILLE 7A	4.58	1.07	0.85	40.0	18.4	6.6	73	8.3	80
ACALA SJ-1	4.53	1.11	0.95	43.6	23.8	7.1	72	8.4	86
PAYMASTER 111	4.69	1.02	0.85	40.0	19.6	7.4	72	8.5	83

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
WESLACO, TEX.	4.33	1.09	0.91	37.8	19.5	7.6	75	9.7	84
HOPE, ARK.	4.84	1.08	0.89	41.8	20.3	7.0	72	7.6	82
COL. STA., TEX.	4.64	1.05	0.82	39.9	19.8	7.2	69	7.5	79
BOSSIER C., LA.	4.89	1.09	0.89	41.0	20.1	7.5	75	8.4	82
NUCES CT., TEX.	4.38	1.01	0.85	38.8	19.0	7.4	72	9.0	84

LINT PCT.

COKER 201	39.1	A
STONEVILLE 7A	38.9	A
STONEVILLE 213	38.9	A
DELTAPINE 45A	38.9	A
DELTAPINE 16	37.9	AB
PAYMASTER 111	36.8	BC
COKER 417	36.0	C
ACALA SJ-1	35.8	C

SEED INDEX

ACALA SJ-1	12.7	A
PAYMASTER 111	11.8	B
COKER 417	11.0	BC
COKER 201	10.8	CD
DELTAPINE 45A	10.3	CDE
DELTAPINE 16	10.3	CDE
STONEVILLE 213	10.0	DE
STONEVILLE 7A	9.8	E

SPAN LENGTH, 50 PCT.

ACALA SJ-1	0.53	A
COKER 417	0.51	B
STONEVILLE 213	0.50	B
STONEVILLE 7A	0.50	B
PAYMASTER 111	0.50	B
DELTAPINE 16	0.50	B
COKER 201	0.50	B
DELTAPINE 45A	0.50	B

SPAN LENGTH, 2.5 PCT.

COKER 417	1.12	A
ACALA SJ-1	1.10	AB
STONEVILLE 7A	1.09	ABC
DELTAPINE 16	1.08	BCD
COKER 201	1.06	CD
DELTAPINE 45A	1.06	CD
STONEVILLE 213	1.06	CD
PAYMASTER 111	1.05	D

22'S

ACALA SJ-1	149	A
COKER 417	127	B
DELTAPINE 16	121	BC
PAYMASTER 111	121	BC
COKER 201	121	BC
DELTAPINE 45A	120	BC
STONEVILLE 7A	119	C
STONEVILLE 213	115	C

MICRONAIRE

STONEVILLE 213	4.81	A
DELTAPINE 45A	4.76	A
DELTAPINE 16	4.70	A
PAYMASTER 111	4.69	A
COKER 201	4.62	A
STONEVILLE 7A	4.58	A
ACALA SJ-1	4.53	A
COKER 417	4.22	B

DRAWING SLIVER, UHM

ACALA SJ-1	1.11	A
COKER 417	1.09	AB
DELTAPINE 16	1.07	BC
STONEVILLE 7A	1.07	BC
DELTAPINE 45A	1.05	CD
COKER 201	1.04	CD
STONEVILLE 213	1.04	CD
PAYMASTER 111	1.02	D

DRAWING SLIVER, MEAN

ACALA SJ-1	0.95	A
COKER 417	0.88	B
DELTAPINE 16	0.87	B
DELTAPINE 45A	0.87	B
PAYMASTER 111	0.85	B
COKER 201	0.85	B
STONEVILLE 7A	0.85	B
STONEVILLE 213	0.85	B

1969 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

UNIFORMITY RATIO

ACALA SJ-1	86	A
PAYMASTER 111	83	B
DELTAPINE 45A	83	B
DELTAPINE 16	82	BC
STONEVILLE 213	82	BC
COKER 201	82	BC
COKER 417	81	BC
STONEVILLE 7A	80	C

STELOMETER - TO

ACALA SJ-1	43.6	A
COKER 201	40.7	B
COKER 417	40.1	BC
PAYMASTER 111	40.0	BC
STONEVILLE 7A	40.0	BC
DELTAPINE 16	38.4	CD
STONEVILLE 213	38.2	CD
DELTAPINE 45A	37.9	D

STELOMETER - T1

ACALA SJ-1	23.8	A
PAYMASTER 111	19.6	B
DELTAPINE 16	19.4	B
COKER 201	19.4	B
DELTAPINE 45A	19.3	B
COKER 417	19.1	B
STONEVILLE 213	18.9	B
STONEVILLE 7A	18.4	B

STELOMETER - E1

DELTAPINE 16	8.2	A
DELTAPINE 45A	7.9	AB
STONEVILLE 213	7.7	ABC
PAYMASTER 111	7.4	ABCD
ACALA SJ-1	7.1	BCD
COKER 201	6.9	CD
COKER 417	6.9	CD
STONEVILLE 7A	6.6	D

COLORIMETER -RD

DELTAPINE 16	74	A
COKER 201	73	A
COKER 417	73	A
STONEVILLE 7A	73	A
PAYMASTER 111	72	A
STONEVILLE 213	72	A
ACALA SJ-1	72	A
DELTAPINE 45A	72	A

COLORIMETER -B

COKER 201	8.6	A
PAYMASTER 111	8.5	A
DELTAPINE 45A	8.4	A
DELTAPINE 16	8.4	A
ACALA SJ-1	8.4	A
STONEVILLE 213	8.4	A
COKER 417	8.3	A
STONEVILLE 7A	8.3	A

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	22'S
COLLEGE STATION, TEX.									
COKER 201	948	A	4.88	93	37.7		.52	1.09	118
DELTAPINE 16	917	AB	5.07	90	35.2		.48	1.09	119
STONEVILLE 213	905	ABC	4.45	102	37.3		.51	1.11	111
STONEVILLE 7A	795	ABC	4.43	103	36.4		.50	1.12	116
DELTAPINE 45A	759	BCD	4.45	102	37.1		.48	1.05	122
COKER 417	731	CDE	4.88	93	32.6		.50	1.13	128
ACALA SJ-1	599	DE	4.74	96	32.4		.52	1.10	152
PAYMASTER 111	556	E	5.79	79	34.3		.50	1.04	122
WESLACO, TEX.									
COKER 201	1351	A	6.30	72	39.9	10.6	.52	1.10	126
STONEVILLE 213	1259	B	5.66	80	39.8	10.3	.54	1.09	119
COKER 417	1197	BC	5.81	78	38.2	10.8	.54	1.15	134
DELTAPINE 45A	1175	C	5.75	79	40.3	9.3	.54	1.07	125
DELTAPINE 16	1153	C	6.05	75	39.3	11.2	.53	1.11	127
STONEVILLE 7A	1149	C	5.47	83	39.9	9.9	.53	1.11	126
PAYMASTER 111	1058	D	7.81	58	36.7	12.5	.53	1.06	126
ACALA SJ-1	1018	D	6.66	68	36.4	12.9	.56	1.12	149
HOPE, ARK.									
STONEVILLE 213	1295	A	4.81	95	40.1	10.4	.47	1.04	106
DELTAPINE 45A	1058	AB	4.80	95	39.5	10.7	.48	1.07	112
ACALA SJ-1	957	B	5.49	83	38.5	13.1	.51	1.09	143
DELTAPINE 16	923	B	5.04	90	37.8	10.6	.47	1.07	110
COKER 201	893	B	4.93	92	39.1	11.7	.46	1.05	112
STONEVILLE 7A	858	B	4.47	102	40.3	10.0	.46	1.07	99
COKER 417	836	BC	4.93	93	35.6	11.5	.48	1.13	122
PAYMASTER 111	574	C	5.81	79	37.6	12.2	.46	1.02	113
BOSSIER C., LA.									
COKER 417	885	A	5.14	89	37.4	11.0	.50	1.12	118
COKER 201	846	AB	5.06	90	40.8	11.0	.49	1.02	127
STONEVILLE 213	790	AB	4.77	95	40.6	9.9	.49	1.06	124
DELTAPINE 45A	789	AB	4.89	93	39.9	10.4	.50	1.08	117
STONEVILLE 7A	754	AB	4.71	96	39.8	10.3	.51	1.13	135
ACALA SJ-1	696	BC	5.43	84	36.5	13.6	.56	1.15	156
DELTAPINE 16	695	BC	5.01	91	39.1	10.6	.51	1.08	124
PAYMASTER 111	553	C	5.80	79	37.4	12.3	.52	1.13	122
NUECES COUNTY, TEX.									
COKER 201	268	A	4.84	94	37.9	9.8	.48	1.02	121
COKER 417	258	A	5.10	89	36.2	10.6	.51	1.05	132
DELTAPINE 16	248	AB	4.36	105	38.0	8.9	.48	1.03	125
STONEVILLE 213	248	AB	4.17	109	36.4	9.5	.46	0.99	117
STONEVILLE 7A	244	AB	4.50	101	38.0	9.1	.49	1.04	119
DELTAPINE 45A	228	B	4.45	102	37.4	10.9	.50	1.03	123
PAYMASTER 111	226	B	5.65	81	38.0	10.3	.47	0.99	122
ACALA SJ-1	173	C	5.16	89	34.9	11.1	.49	1.03	146

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
COLLEGE STATION, TEX.									
COKER 201	4.63	1.07	0.85	40.0	18.9	6.7	70	7.5	80
DELTAPINE 16	4.88	1.07	0.85	38.3	18.9	8.0	72	7.5	80
STONEVILLE 213	4.93	1.03	0.78	40.2	18.7	7.2	69	7.5	76
STONEVILLE 7A	4.66	1.02	0.75	40.0	17.9	6.3	70	7.5	74
DELTAPINE 45A	4.79	1.01	0.78	38.0	20.2	8.1	66	7.5	78
COKER 417	4.21	1.08	0.83	40.3	19.3	6.8	69	7.8	77
ACALA SJ-1	4.30	1.11	0.93	41.4	24.1	7.0	68	7.0	84
PAYMASTER 111	4.69	0.99	0.81	41.2	20.0	6.7	66	7.8	82
WESLACO, TEX.									
COKER 201	4.18	1.07	0.88	39.4	19.6	7.5	75	10.3	82
STONEVILLE 213	4.60	1.07	0.90	35.3	18.1	7.8	73	10.0	84
COKER 417	3.84	1.11	0.90	37.8	19.1	7.1	77	9.5	81
DELTAPINE 45A	4.50	1.07	0.93	35.8	19.1	8.2	75	9.8	87
DELTAPINE 16	4.33	1.11	0.91	34.4	19.9	9.2	75	9.5	82
STONEVILLE 7A	4.33	1.10	0.89	38.4	18.1	6.8	77	9.8	81
PAYMASTER 111	4.61	1.04	0.89	39.3	19.5	7.3	75	9.3	86
ACALA SJ-1	4.30	1.11	0.96	41.9	22.6	7.0	77	9.5	87
HOPE, ARK.									
STONEVILLE 213	4.99	1.05	0.86	38.9	18.9	7.8	73	7.5	83
DELTAPINE 45A	5.15	1.09	0.91	39.3	18.9	7.5	72	7.5	84
ACALA SJ-1	4.88	1.13	0.96	46.6	25.6	7.0	71	8.0	85
DELTAPINE 16	4.83	1.08	0.89	39.0	19.9	8.4	73	7.5	82
COKER 201	5.01	1.05	0.84	43.2	20.2	6.7	73	7.5	81
STONEVILLE 7A	4.96	1.05	0.84	41.6	17.8	6.1	74	7.5	80
COKER 417	3.97	1.13	0.94	42.5	20.8	5.9	71	7.3	84
PAYMASTER 111	4.91	1.01	0.84	42.9	20.2	6.4	71	8.3	83
BOSSIER C., LA.									
COKER 417	5.08	1.10	0.87	40.3	18.2	7.0	76	8.3	79
COKER 201	5.05	1.02	0.86	42.5	19.8	6.9	74	9.0	85
STONEVILLE 213	4.98	1.05	0.84	39.9	20.3	8.2	74	8.3	81
DELTAPINE 45A	5.00	1.06	0.85	40.1	18.3	7.7	76	8.5	80
STONEVILLE 7A	4.28	1.12	0.90	41.5	20.7	7.0	75	8.3	81
ACALA SJ-1	4.85	1.17	1.00	44.1	24.1	7.2	75	8.5	86
DELTAPINE 16	4.88	1.07	0.87	42.0	19.3	6.7	77	8.3	81
PAYMASTER 111	5.00	1.10	0.91	37.8	19.7	9.3	77	8.5	83
NUECES COUNTY, TEX.									
COKER 201	4.23	1.00	0.82	38.2	18.6	6.8	74	9.0	83
COKER 417	4.01	1.01	0.86	39.5	18.1	7.6	72	9.0	85
DELTAPINE 16	4.60	1.01	0.85	38.4	18.8	8.9	73	9.3	84
STONEVILLE 213	4.58	1.01	0.86	36.8	18.6	7.3	73	9.0	86
STONEVILLE 7A	4.68	1.03	0.85	38.4	17.4	6.4	71	8.8	83
DELTAPINE 45A	4.35	1.02	0.87	36.3	19.7	7.7	72	9.0	85
PAYMASTER 111	4.23	0.95	0.79	38.8	18.7	7.3	70	8.8	83
ACALA SJ-1	4.35	1.04	0.89	44.2	22.3	7.2	71	9.0	86

1969 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
DELTAPINE 16	493	A	5.39	92	34.5	11.3	.49	1.11	111
TAMCOT 788	488	A	6.03	82	34.3	11.2	.48	1.08	124
LANKART 57	480	A	7.41	66	36.3	13.2	.45	0.99	99
WESTBURN	475	A	5.52	88	33.7	11.5	.46	1.03	107
GREGG 45A	452	AB	5.92	84	37.1	10.7	.44	0.96	103
LOCKETT 4789	445	AB	6.44	76	33.7	11.9	.47	1.02	109
STRIPPER CALA S	434	AB	5.60	87	33.2	11.3	.46	1.05	114
LOCKETT 4789A	429	AB	6.06	79	33.8	12.1	.49	1.08	115
LANKART 38-40	429	AB	6.52	73	34.5	13.0	.49	1.08	113
COKER 201	429	AB	5.46	90	36.6	11.6	.48	1.08	113
PAYMASTER 202	423	AB	6.32	77	33.6	12.2	.46	0.97	114
DUNN 56C	401	BC	6.37	78	33.3	13.1	.50	1.09	129
PAYMASTER 111	401	BC	6.34	77	33.8	12.6	.47	1.03	114
ACALA SJ-1	344	C	6.01	84	33.4	13.1	.51	1.12	135

SUBREGIONAL SUMMARY COMBINING CHILLICOTHE (IRR), CHILLICOTHE (DRY), ALTUS, CHICKASHA (IRR), AND MANGUM

DELTAPINE 16	535	A	5.96	84	34.7	11.5	.51	1.14	114
TAMCOT 788	535	A	6.51	75	34.4	11.4	.50	1.11	129
WESTBURN	529	AB	6.04	79	33.6	11.7	.47	1.06	113
LANKART 57	494	ABC	7.91	62	36.0	13.1	.45	1.01	101
GREGG 45A	492	ABC	6.49	75	37.9	10.9	.45	0.98	106
STRIPPER CALA S	476	ABC	6.05	79	33.3	11.2	.48	1.07	120
COKER 201	473	ABC	5.98	81	37.0	11.9	.49	1.10	119
LOCKETT 4789	472	ABC	7.09	68	33.7	12.0	.48	1.04	111
LOCKETT 4789A	457	ABC	6.56	72	33.8	12.4	.51	1.11	118
PAYMASTER 202	455	ABC	6.76	72	33.6	12.5	.48	0.99	116
LANKART 38-40	448	BCD	6.80	70	34.2	12.9	.49	1.09	117
DUNN 56C	435	CD	6.93	70	33.3	13.2	.52	1.12	133
PAYMASTER 111	411	CD	6.79	72	34.0	12.8	.49	1.05	116
ACALA SJ-1	369	D	6.46	77	33.6	13.0	.53	1.15	138

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
CH. (IRR), OKLA.	634	A	6.80	68	36.3	12.2	.50	1.06	119
ALTUS, OKLA.	551	B	5.27	87	32.5	13.0	.51	1.12	121
CL. (IRR.), TEX.	502	C	6.42	71	35.7	12.4	.48	1.06	117
LUBBOCK, TEX.	480	C	6.11	75	33.1	13.3	.45	1.05	110
MANGUM, OKLA.	435	D	9.66	48	33.3	12.0	.52	1.12	125
MCGREGOR, TEX.	231	E	3.58	129	35.0	10.8	.44	0.99	110
CL. (DRY), TEX.	229	E	4.83	95	34.7	11.4	.44	1.01	108
TULIA, TEX.			6.13	75	34.7	11.4	.46	0.99	105

1969 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
DELTAPINE 16	4.56	1.10	0.89	34.8	19.0	9.9	73	7.8	81
TAMCOT 788	4.03	1.05	0.85	42.5	21.2	7.0	72	7.8	81
LANKART 57	4.72	0.99	0.80	32.9	16.9	9.9	71	8.4	81
WESTBURN	4.04	1.00	0.81	35.0	18.6	9.1	73	8.1	81
GREGG 45A	4.47	0.96	0.79	34.7	17.9	9.2	69	8.9	83
LOCKETT 4789	4.49	1.01	0.82	36.7	18.5	8.2	71	8.0	31
STRIPPER CALA S	4.12	0.99	0.79	40.6	19.3	7.5	72	8.1	79
LOCKETT 4789A	4.36	1.06	0.88	37.5	19.2	8.2	72	8.1	83
LANKART 38-40	4.70	1.07	0.87	38.6	19.2	7.7	72	8.0	81
COKER 201	4.62	1.08	0.88	37.3	18.9	8.0	72	8.1	82
PAYMASTER 202	4.60	0.97	0.81	39.5	19.8	8.0	72	8.1	83
DUNN 56C	4.25	1.10	0.91	38.9	21.2	8.2	72	8.0	82
PAYMASTER 111	4.49	1.03	0.85	37.1	19.6	7.9	72	8.3	82
ACALA SJ-1	4.11	1.14	0.96	39.8	21.9	8.2	72	7.5	84

SUBREGIONAL SUMMARY COMBINING CHILLICOTHE (IRR), CHILLICOTHE (DRY), ALTUS, CHICKASHA (IRR), AND MANGUM

DELTAPINE 16	4.69	1.13	0.91	35.4	19.4	9.9	74	7.5	81
TAMCOT 788	4.13	1.09	0.89	42.5	21.9	7.2	73	7.5	82
WESTBURN	4.10	1.03	0.84	34.8	19.2	9.1	75	7.8	82
LANKART 57	4.70	1.01	0.82	33.3	17.2	9.9	72	8.0	82
GREGG 45A	4.59	0.98	0.81	34.8	18.2	9.0	70	8.4	83
STRIPPER CALA S	4.25	1.03	0.82	40.6	19.5	7.6	72	7.7	80
COKER 201	4.73	1.11	0.92	38.5	19.5	8.1	73	7.7	83
LOCKETT 4789	4.61	1.03	0.84	36.7	18.5	8.3	72	7.8	82
LOCKETT 4789A	4.43	1.09	0.91	37.6	19.5	8.2	73	7.8	83
PAYMASTER 202	4.63	0.99	0.84	38.7	19.7	8.0	73	7.8	85
LANKART 38-40	4.61	1.09	0.89	39.2	19.6	7.8	73	7.6	82
DUNN 56C	4.32	1.13	0.94	40.1	21.7	8.3	73	7.8	84
PAYMASTER 111	4.53	1.05	0.87	37.8	19.6	7.9	73	8.0	83
ACALA SJ-1	4.47	1.17	0.99	40.6	22.6	8.4	73	7.1	85

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
CH. (IRR), OKLA.	5.08	1.06	0.89	39.1	20.1	8.8	76	8.1	84
ALTUS, OKLA.	3.39	1.09	0.88	33.1	18.6	8.7	76	8.4	80
CL. (IRR.), TEX.	4.82	1.06	0.89	38.7	19.9	8.2	69	7.2	84
LUBBOCK, TEX.	3.72	1.04	0.83	36.2	19.4	8.8	72	8.5	80
MANGUM, OKLA.	4.80	1.14	0.96	38.7	20.8	8.5	74	7.5	84
MCGREGOR, TEX.	4.00	0.95	0.75	40.3	18.9	6.6	67	8.7	79
CL. (DRY), TEX.	4.33	0.98	0.78	39.9	19.4	8.0	68	7.6	80
TULIA, TEX.	5.04	0.99	0.82	34.6	18.2	9.5	71	8.7	83

1969 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL		BOLL SIZE, NO. PER LB.		LINT PCT.	
LANKART 57	7.41 A	DELTAPINE 16	92 A	GREGG 45A	37.1 A
LANKART 38-40	6.52 B	COKER 201	90 AB	COKER 201	36.6 A
LOCKETT 4789	6.44 BC	WESTBURN	88 ABC	LANKART 57	36.3 A
DUNN 56C	6.37 BC	STRIPPER CALA S	87 ABC	LANKART 38-40	34.5 B
PAYMASTER 111	6.34 BCD	GREGG 45A	84 BCD	DELTAPINE 16	34.5 B
PAYMASTER 202	6.32 BCD	ACALA SJ-1	84 BCD	TAMCOT 788	34.3 BC
LOCKETT 4789A	6.06 CD	TAMCOT 788	82 CDE	LOCKETT 4789A	33.8 BC
TAMCOT 788	6.03 CD	LOCKETT 4789A	79 DEF	PAYMASTER 111	33.8 BC
ACALA SJ-1	6.01 CD	DUNN 56C	78 DEF	LOCKETT 4789	33.7 BC
GREGG 45A	5.92 DE	PAYMASTER 111	77 EF	WESTBURN	33.7 BC
STRIPPER CALA S	5.60 EF	PAYMASTER 202	77 EF	PAYMASTER 202	33.6 BC
WESTBURN	5.52 EF	LOCKETT 4789	76 EF	ACALA SJ-1	33.4 BC
COKER 201	5.46 F	LANKART 38-40	73 F	DUNN 56C	33.3 BC
DELTAPINE 16	5.39 F	LANKART 57	66 G	STRIPPER CALA S	33.2 C

SEED INDEX		MICRONAIRE		22'S	
LANKART 57	13.2 A	LANKART 57	4.72 A	ACALA SJ-1	135 A
ACALA SJ-1	13.1 A	LANKART 38-40	4.70 AB	DUNN 56C	129 B
DUNN 56C	13.1 A	COKER 201	4.62 AB	TAMCOT 788	124 B
LANKART 38-40	13.0 A	PAYMASTER 202	4.60 AB	LOCKETT 4789A	115 C
PAYMASTER 111	12.6 AB	DELTAPINE 16	4.56 ABC	PAYMASTER 202	114 C
PAYMASTER 202	12.2 BC	PAYMASTER 111	4.49 ABC	STRIPPER CALA S	114 C
LOCKETT 4789A	12.1 BCD	LOCKETT 4789	4.49 ABC	PAYMASTER 111	114 C
LOCKETT 4789	11.9 BCDE	GREGG 45A	4.47 ABC	LANKART 38-40	113 C
COKER 201	11.6 CDE	LOCKETT 4789A	4.36 BCD	COKER 201	113 C
WESTBURN	11.5 CDEF	DUNN 56C	4.25 CD	DELTAPINE 16	111 CD
STRIPPER CALA S	11.3 DEF	STRIPPER CALA S	4.12 D	LOCKETT 4789	109 CD
DELTAPINE 16	11.3 DEF	ACALA SJ-1	4.11 D	WESTBURN	107 DE
TAMCOT 788	11.2 EF	WESTBURN	4.04 D	GREGG 45A	103 EF
GREGG 45A	10.7 F	TAMCOT 788	4.03 D	LANKART 57	99 F

SPAN LENGTH, 50 PCT.		SPAN LENGTH, 2.5 PCT.	
ACALA SJ-1	0.51 A	ACALA SJ-1	1.12 A
DUNN 56C	0.50 AB	DELTAPINE 16	1.11 AB
LANKART 38-40	0.49 BC	DUNN 56C	1.09 BC
DELTAPINE 16	0.49 BC	COKER 201	1.08 C
LOCKETT 4789A	0.49 BC	TAMCOT 788	1.08 C
TAMCOT 788	0.48 CD	LANKART 38-40	1.08 C
COKER 201	0.48 CD	LOCKETT 4789A	1.08 C
PAYMASTER 111	0.47 DE	STRIPPER CALA S	1.05 D
LOCKETT 4789	0.47 DE	WESTBURN	1.03 DE
WESTBURN	0.46 EF	PAYMASTER 111	1.03 DE
PAYMASTER 202	0.46 EF	LOCKETT 4789	1.02 E
STRIPPER CALA S	0.46 EF	LANKART 57	0.99 F
LANKART 57	0.45 FG	PAYMASTER 202	0.97 FG
GREGG 45A	0.44 G	GREGG 45A	0.96 G

1969 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, UHM			DRAWING SLIVER, MEAN			UNIFORMITY RATIO		
ACALA SJ-1	1.14	A	ACALA SJ-1	0.96	A	ACALA SJ-1	84	A
DUNN 56C	1.10	B	DUNN 56C	0.91	B	LOCKETT 4789A	83	AB
DELTAPINE 16	1.10	B	DELTAPINE 16	0.89	BC	PAYMASTER 202	83	AB
COKER 201	1.08	BC	LOCKETT 4789A	0.88	CD	GREGG 45A	83	AB
LANKART 38-40	1.07	CD	COKER 201	0.88	CD	DUNN 56C	82	BC
LOCKETT 4789A	1.06	CD	LANKART 38-40	0.87	CD	PAYMASTER 111	82	BC
TAMCOT 788	1.05	DE	PAYMASTER 111	0.85	D	COKER 201	82	BC
PAYMASTER 111	1.03	EF	TAMCOT 788	0.85	D	DELTAPINE 16	81	C
LOCKETT 4789	1.01	FG	LOCKETT 4789	0.82	E	WESTBURN	81	C
WESTBURN	1.00	G	PAYMASTER 202	0.81	E	TAMCOT 788	81	C
STRIPPER CALA S	0.99	GH	WESTBURN	0.81	E	LOCKETT 4789	81	C
LANKART 57	0.99	GH	LANKART 57	0.80	E	LANKART 57	81	C
PAYMASTER 202	0.97	HI	GREGG 45A	0.79	E	LANKART 38-40	81	C
GREGG 45A	0.96	I	STRIPPER CALA S	0.79	E	STRIPPER CALA S	79	D

COLORIMETER -B			COLORIMETER -RD			STELOMETER - E1		
GREGG 45A	8.9	A	DELTAPINE 16	73	A	LANKART 57	9.9	A
LANKART 57	8.4	B	WESTBURN	73	A	DELTAPINE 16	9.9	A
PAYMASTER 111	8.3	BC	LANKART 38-40	72	AB	GREGG 45A	9.2	B
COKER 201	8.1	BCD	PAYMASTER 111	72	AB	WESTBURN	9.1	B
WESTBURN	8.1	BCD	DUNN 56C	72	AB	DUNN 56C	8.2	C
PAYMASTER 202	8.1	BCD	COKER 201	72	AB	LOCKETT 4789	8.2	C
LOCKETT 4789A	8.1	BCD	TAMCOT 788	72	AB	ACALA SJ-1	8.2	C
STRIPPER CALA S	8.1	BCD	ACALA SJ-1	72	AB	LOCKETT 4789A	8.2	C
LOCKETT 4789	8.0	CD	LOCKETT 4789A	72	AB	PAYMASTER 202	8.0	C
DUNN 56C	8.0	CD	PAYMASTER 202	72	AB	COKER 201	8.0	C
LANKART 38-40	8.0	CD	STRIPPER CALA S	72	AB	PAYMASTER 111	7.9	C
DELTAPINE 16	7.8	DE	LANKART 57	71	B	LANKART 38-40	7.7	C
TAMCOT 788	7.8	DE	LOCKETT 4789	71	B	STRIPPER CALA S	7.5	CD
ACALA SJ-1	7.5	E	GREGG 45A	69	C	TAMCOT 788	7.0	D

STELOMETER - TO			STELOMETER - T1		
TAMCOT 788	42.5	A	ACALA SJ-1	21.9	A
STRIPPER CALA S	40.6	B	DUNN 56C	21.2	A
ACALA SJ-1	39.8	BC	TAMCOT 788	21.2	A
PAYMASTER 202	39.5	BC	PAYMASTER 202	19.8	B
DUNN 56C	38.9	BCD	PAYMASTER 111	19.6	BC
LANKART 38-40	38.6	CD	STRIPPER CALA S	19.3	BCD
LOCKETT 4789A	37.5	DE	LOCKETT 4789A	19.2	BCD
COKER 201	37.3	DE	LANKART 38-40	19.2	BCD
PAYMASTER 111	37.1	DE	DELTAPINE 16	19.0	BCD
LOCKETT 4789	36.7	E	COKER 201	18.9	CD
WESTBURN	35.0	F	WESTBURN	18.6	DE
DELTAPINE 16	34.8	F	LOCKETT 4789	18.5	DE
GREGG 45A	34.7	F	GREGG 45A	17.9	E
LANKART 57	32.9	G	LANKART 57	16.9	F

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
LUBBOCK, TEX.									
LANKART 57	579	A	7.50	61	34.8	16.0	.43	0.98	97
TAMCOT 788	560	AB	6.06	76	33.7	11.8	.45	1.08	120
LANKART 38-40	538	ABC	6.70	68	34.5	14.8	.48	1.09	109
DELTAPINE 16	520	ABCD	4.82	94	31.0	11.8	.46	1.11	113
GREGG 45A	516	ABCD	6.23	73	35.4	10.8	.42	0.95	98
LOCKETT 4789	507	ABCD	6.03	75	32.3	12.8	.46	1.07	110
LOCKETT 4789A	507	ABCD	6.14	74	32.8	12.9	.46	1.09	113
PAYMASTER 111	471	ABCDE	6.26	73	31.8	14.1	.45	1.03	113
PAYMASTER 202	467	ABCDE	6.74	68	32.5	14.0	.43	0.99	110
STRIPPER CALA S	449	BCDE	5.89	78	31.3	12.8	.43	1.04	103
DUNN 56C	423	CDE	6.37	71	32.1	14.7	.47	1.08	121
WESTBURN	412	DE	5.08	90	32.4	11.9	.42	1.03	95
COKER 201	406	DE	5.23	87	35.4	12.1	.45	1.06	112
ACALA SJ-1	364	E	6.41	71	32.6	15.5	.48	1.11	131
TULIA, TEX.									
DUNN 56C			6.44	71	34.2	12.6	.48	1.03	114
PAYMASTER 111			6.54	69	34.3	11.9			
LOCKETT 4789			6.22	73	34.3	11.0	.45	0.97	101
GREGG 45A			5.46	86	36.6	9.6	.42	0.89	95
STRIPPER CALA S			5.30	86	33.3	10.7	.45	1.00	110
ACALA SJ-1			6.28	73	32.5	13.1	.51	1.06	123
COKER 201			5.59	82	36.1	10.7	.46	1.02	104
DELTAPINE 16			5.27	86	35.2	10.2	.46	1.04	102
LANKART 57			7.54	61	36.7	13.0	.41	0.90	84
LANKART 38-40			7.10	64	33.6	12.8	.47	1.02	108
LOCKETT 4789A			5.86	77	33.4	11.5	.47	1.02	110
WESTBURN			5.72	80	35.6	10.4	.44	0.96	100
TAMCOT 788			6.27	72	35.9	10.1	.46	1.03	112
PAYMASTER 202			6.27	72	34.4	11.1	.42	0.89	106
CHILLICOTHE, TEX. (IR&)									
WESTBURN	618	A	5.81	79	34.5	12.1	.47	1.05	108
DELTAPINE 16	604	AB	6.18	74	35.4	12.0	.50	1.12	115
TAMCOT 788	544	ABC	6.03	75	35.5	11.9	.50	1.12	129
COKER 201	542	ABC	5.64	81	38.2	12.2	.49	1.07	123
LANKART 38-40	536	ABC	6.84	67	35.9	13.2	.50	1.07	115
LOCKETT 4789A	530	ABC	7.11	64	35.3	12.4	.51	1.09	116
LOCKETT 4789	521	ABCD	7.24	63	35.1	12.4	.47	1.02	102
LANKART 57	510	BCD	7.61	60	38.1	12.6	.46	0.99	102
STRIPPER CALA S	464	CDE	6.06	75	32.9	12.3	.48	1.07	123
PAYMASTER 202	461	CDE	6.39	72	33.8	12.7	.45	0.96	115
GREGG 45A	443	CDE	5.58	82	39.9	12.2	.44	0.95	100
DUNN 56C	436	CDE	6.69	68	34.2	12.4	.48	1.07	133
PAYMASTER 111	416	DE	6.73	68	35.6	12.1	.47	1.04	120
ACALA SJ-1	398	E	5.89	77	34.8	12.9	.51	1.13	136

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
LUBBOCK, TEX.									
LANKART 57	4.35	0.99	0.80	31.5	16.9	10.7	74	8.8	81
TAMCOT 788	3.45	1.03	0.81	40.7	21.4	7.0	73	8.0	79
LANKART 38-40	4.00	1.10	0.87	37.4	19.2	7.8	73	8.3	79
DELTAPINE 16	3.74	1.14	0.92	31.4	18.7	10.6	74	8.3	81
GREGG 45A	3.85	0.97	0.81	34.0	18.0	10.1	69	9.3	84
LOCKETT 4789	3.43	1.04	0.82	35.6	19.4	8.9	72	8.3	79
LOCKETT 4789A	3.48	1.06	0.86	37.0	19.0	8.7	71	8.5	81
PAYMASTER 111	3.84	1.03	0.82	37.4	21.1	7.8	72	8.8	80
PAYMASTER 202	3.76	0.97	0.78	38.7	20.0	8.3	72	8.5	81
STRIPPER CALA S	3.25	0.97	0.75	39.0	19.8	8.0	71	9.0	78
DUNN 56C	3.98	1.12	0.91	38.4	21.9	7.9	71	8.0	81
WESTBURN	3.33	0.95	0.72	32.5	17.7	9.6	74	9.0	76
COKER 201	4.01	1.07	0.85	35.8	18.4	8.6	71	8.8	80
ACALA SJ-1	3.63	1.11	0.93	37.0	19.9	8.5	72	8.0	83
TULIA, TEX.									
DUNN 56C PAYMASTER 111	4.78	1.03	0.86	34.2	18.6	9.5	72	8.5	83
LOCKETT 4789	5.20	0.97	0.80	32.9	17.5	9.2	71	8.5	83
GREGG 45A	4.75	0.90	0.74	32.4	16.9	11.6	69	9.5	83
STRIPPER CALA S	4.68	0.96	0.76	37.8	18.9	8.3	74	8.5	80
ACALA SJ-1	4.85	1.09	0.95	36.0	20.0	8.9	72	8.3	88
COKER 201	5.08	1.04	0.85	33.0	18.0	8.7	69	9.3	82
DELTAPINE 16	4.93	1.05	0.85	31.6	17.7	11.4	70	9.0	82
LANKART 57	5.60	0.92	0.76	30.5	15.4	11.0	70	9.3	83
LANKART 38-40	5.65	1.05	0.86	36.5	18.3	8.3	73	8.3	82
LOCKETT 4789A	4.85	1.01	0.86	33.9	18.6	9.2	71	8.5	86
WESTBURN	4.85	0.94	0.77	33.0	17.4	10.1	72	8.8	82
TAMCOT 788	4.93	1.01	0.81	39.3	19.2	7.6	71	8.3	81
PAYMASTER 202	5.33	0.90	0.75	38.1	19.2	9.5	73	8.3	84
CHILLICOTHE, TEX. (IRR)									
WESTBURN	4.13	1.01	0.85	34.1	19.5	9.4	72	6.8	84
DELTAPINE 16	5.10	1.11	0.92	36.3	19.6	9.5	72	6.8	83
TAMCOT 788	4.31	1.07	0.87	47.3	22.6	6.9	70	6.5	82
COKER 201	5.03	1.08	0.89	41.0	19.9	7.6	70	7.5	82
LANKART 38-40	5.42	1.09	0.93	39.8	20.2	7.1	68	7.3	86
LOCKETT 4789A	4.59	1.09	0.95	37.0	19.3	8.2	71	7.3	88
LOCKETT 4789	4.95	1.03	0.85	36.4	18.0	7.7	68	7.5	33
LANKART 57	5.19	1.02	0.87	33.6	17.3	9.5	70	7.5	85
STRIPPER CALA S	4.60	1.04	0.85	40.9	18.6	7.2	66	7.3	82
PAYMASTER 202	4.99	0.96	0.82	39.4	19.8	7.5	69	7.8	85
GREGG 45A	4.88	0.94	0.78	35.0	18.3	9.7	67	8.0	83
DUNN 56C	4.68	1.11	0.93	41.3	21.8	7.9	70	6.5	84
PAYMASTER 111	4.85	1.05	0.90	39.0	19.9	7.6	69	7.8	86
ACALA SJ-1	4.83	1.17	1.00	40.7	22.9	8.2	67	6.8	85

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
CHILLICOTHE, TEX. (DRY)									
WESTBURN	268	A	4.52	101	34.0	10.4	.43	0.99	116
DUNN 56C	249	AB	4.94	93	34.8	12.2	.47	1.07	119
DELTAPINE 16	246	ABC	4.14	110	35.1	9.9	.43	1.06	95
COKER 201	246	ABC	4.42	103	37.3	11.6	.47	1.08	114
GREGG 45A	242	ABC	4.98	91	36.8	10.9	.41	0.93	99
LOCKETT 4789	240	ABC	5.29	86	33.9	10.3	.45	1.00	100
STRIPPER CALA S	240	ABC	4.81	95	33.5	11.3	.45	1.03	113
LOCKETT 4789A	238	ABC	5.16	88	34.7	11.6	.47	1.05	113
LANKART 57	230	ABCD	5.23	87	36.3	11.7	.39	0.92	93
PAYMASTER 202	214	BCDE	5.02	90	34.2	11.6	.44	0.95	110
ACALA SJ-1	205	CDE	4.30	107	33.4	12.0	.48	1.07	132
PAYMASTER 111	205	CDE	4.55	101	33.5	12.2	.44	0.98	103
LANKART 38-40	191	DE	6.02	76	35.0	12.1	.39	0.98	104
TAMCOT 788	189	E	4.27	108	32.7	11.1	.41	1.00	104
ALTUS, OKLA.									
TAMCOT 788	769	A	5.50	83	35.6	12.0	.51	1.12	132
LANKART 57	673	B	6.24	73	32.1	14.0	.45	1.06	104
DELTAPINE 16	635	BC	4.62	99	32.9	13.5	.53	1.20	118
STRIPPER CALA S	611	BCD	4.58	100	33.3	10.5	.49	1.11	122
GREGG 45A	604	BCD	5.44	84	35.4	11.0	.48	1.04	114
LOCKETT 4789A	564	CD	5.08	90	30.7	14.0	.52	1.13	118
PAYMASTER 202	559	CDE	5.22	88	31.8	13.5	.50	1.03	117
LANKART 38-40	547	DE	5.22	88	31.1	12.0	.54	1.19	125
LOCKETT 4789	545	DE	5.44	84	31.2	13.0	.48	1.07	124
WESTBURN	535	DE	4.92	92	31.3	13.0	.49	1.11	115
DUNN 56C	480	EF	5.62	81	31.3	13.5	.53	1.13	135
PAYMASTER 111	452	F	5.60	81	31.4	13.5	.50	1.09	120
COKER 201	422	F	4.82	95	34.9	13.5	.50	1.14	120
ACALA SJ-1	323	G	5.48	83	32.1	14.5	.53	1.19	134
MANGUM, OKLA.									
WESTBURN	538	A	8.85	51	31.9	11.5	.51	1.12	116
TAMCOT 788	532	A	9.68	47	32.1	10.5	.55	1.18	147
GREGG 45A	500	AB	10.00	46	36.8	10.5	.47	1.03	109
STRIPPER CALA S	470	ABC	8.56	53	32.9	10.5	.49	1.09	120
LANKART 57	457	ABC	11.76	39	35.0	13.0	.50	1.08	111
COKER 201	444	ABC	8.75	52	35.9	11.5	.51	1.14	121
DUNN 56C	429	ABC	10.56	43	32.0	14.5	.59	1.21	145
PAYMASTER 202	389	BCD	10.34	44	33.1	13.0	.50	1.03	122
LANKART 38-40	378	CD	9.46	49	32.3	12.5	.51	1.12	126
PAYMASTER 111	359	CD	10.11	45	32.8	12.5	.53	1.10	124
LOCKETT 4789A	316	D	8.60	53	32.9	11.5	.51	1.14	123

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
CHILLICOTHE, TEX. (DRY)									
WESTBURN	4.05	0.99	0.78	38.8	20.5	8.1	70	7.8	80
DUNN 56C	4.43	1.03	0.85	42.6	20.6	8.0	68	7.3	82
DELTAPINE 16	4.63	0.98	0.78	36.5	18.7	9.3	69	7.3	80
COKER 201	4.73	1.04	0.85	40.5	20.5	7.4	70	7.3	82
GREGG 45A	4.80	0.92	0.75	36.8	18.1	9.2	66	8.0	82
LOCKETT 4789	4.41	0.95	0.75	37.8	17.3	7.9	69	7.5	79
STRIPPER CALA S	4.06	0.96	0.75	43.3	19.3	7.0	68	7.5	78
LOCKETT 4789A	4.48	1.01	0.83	39.3	19.1	7.9	70	7.8	82
LANKART 57	3.93	0.89	0.71	35.8	17.9	9.1	67	8.3	80
PAYMASTER 202	4.31	0.93	0.75	41.7	18.9	7.4	70	7.5	81
ACALA SJ-1	4.61	1.07	0.89	43.4	23.1	7.6	67	6.8	84
PAYMASTER 111	4.58	0.95	0.77	40.4	18.9	7.4	68	7.8	81
LANKART 38-40	4.11	0.96	0.75	41.0	17.9	6.9	67	7.8	79
TAMCOT 788	3.55	0.94	0.73	40.3	20.0	7.9	67	7.5	78
ALTUS, OKLA.									
TAMCOT 788	3.58	1.10	0.90	36.4	20.9	7.1	78	8.3	82
LANKART 57	3.46	1.04	0.80	28.5	15.2	11.2	77	8.3	77
DELTAPINE 16	3.53	1.17	0.90	32.5	18.1	10.6	78	8.3	77
STRIPPER CALA S	3.18	1.03	0.82	34.0	18.6	8.2	76	8.5	80
GREGG 45A	3.56	1.02	0.83	32.3	17.1	5.4	75	9.0	81
LOCKETT 4789A	3.24	1.09	0.88	32.6	18.3	8.6	77	8.3	81
PAYMASTER 202	3.60	1.01	0.85	33.5	18.6	8.8	76	8.5	84
LANKART 38-40	3.38	1.14	0.87	35.5	19.0	8.4	77	8.0	77
LOCKETT 4789	3.45	1.04	0.83	35.0	18.3	8.1	78	8.3	81
WESTBURN	2.98	1.07	0.86	31.2	18.0	9.8	77	8.8	81
DUNN 56C	3.30	1.13	0.91	32.6	20.6	8.9	74	9.5	81
PAYMASTER 111	3.36	1.09	0.88	30.6	18.1	8.5	77	8.8	81
COKER 201	3.48	1.16	0.95	33.0	17.9	8.8	76	8.5	82
ACALA SJ-1	3.38	1.19	1.00	35.8	20.8	8.9	78	7.5	84
MANGUM, OKLA.									
WESTBURN	4.59	1.08	0.87	33.0	19.1	9.2	77	7.8	81
TAMCOT 788	4.53	1.20	0.99	42.5	23.2	7.5	76	7.3	83
GREGG 45A	4.94	1.03	0.89	35.7	19.3	9.9	71	8.5	86
STRIPPER CALA S	4.75	1.06	0.85	41.8	20.4	7.8	75	7.3	80
LANKART 57	5.30	1.11	0.91	36.3	18.8	9.1	71	7.3	82
COKER 201	4.85	1.18	1.01	39.8	20.3	8.3	75	7.5	86
DUNN 56C	4.23	1.25	1.09	40.0	22.6	8.6	76	8.0	87
PAYMASTER 202	5.00	1.08	0.94	37.8	20.9	8.0	75	7.3	88
LANKART 38-40	4.96	1.15	0.97	40.7	20.9	7.8	76	7.5	85
PAYMASTER 111	4.96	1.11	0.94	39.7	21.1	8.0	74	7.5	85
LOCKETT 4789A	4.70	1.13	0.94	39.1	20.3	7.9	74	7.5	83

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
CHICKASHA, OKLA. (IRR)									
COKER 201	713	A	6.24	73	38.6	10.5	.49	1.07	116
DELTAPINE 16	701	AB	5.92	77	36.8	11.0	.54	1.13	120
WESTBURN	687	ABC	6.08	75	36.0	11.5	.45	1.00	108
GREGG 45A	673	ABCD	6.44	71	40.4	10.0	.45	0.96	112
PAYMASTER 202	650	ABCDE	6.80	67	35.1	11.5	.48	0.99	116
TAMCOT 788	643	ABCDE	7.08	64	36.2	11.5	.50	1.12	133
LOCKETT 4789A	636	BCDE	6.84	66	35.4	12.5	.54	1.11	121
PAYMASTER 111	623	CDE	6.94	66	36.6	13.5	.48	1.03	115
LOCKETT 4789	613	DE	7.48	63	35.4	12.5	.48	1.00	111
LANKART 57	598	E	8.68	53	38.2	14.0	.46	0.99	97
STRIPPER CALA S	597	E	6.22	73	34.0	11.5	.45	1.05	124
LANKART 38-40	587	E	6.48	70	36.5	14.5	.52	1.09	116
DUNN 56C	581	E	6.86	67	33.9	13.5	.53	1.11	134
ACALA SJ-1	576	E	7.08	64	35.5	12.5	.56	1.14	143
MCGREGOR, TEX.									
LANKART 57	310	A	4.66	98	39.2	11.0	.45	0.96	102
PAYMASTER 111	282	AB	3.94	115	34.8	10.6	.45	0.99	112
WESTBURN	269	ABC	3.22	141	34.0	10.9	.41	0.97	98
DELTAPINE 16	257	ABCD	3.24	140	35.8	10.6	.46	1.04	105
LOCKETT 4789	248	BCD	3.80	120	34.6	11.0	.41	0.95	109
COKER 201	229	BCDE	3.01	151	36.3	10.3	.46	1.03	98
LANKART 38-40	226	BCDE	4.31	105	37.0	11.8	.48	1.02	102
PAYMASTER 202	221	CDE	3.79	120	33.7	10.4	.44	0.94	118
LOCKETT 4789A	212	CDE	3.69	123	35.3	10.3	.45	1.01	109
DUNN 56C	210	CDE	3.46	132	33.9	11.6	.46	1.03	134
STRIPPER CALA S	204	DE	3.35	136	34.3	11.1	.40	0.98	102
ACALA SJ-1	203	DE	3.07	149	34.0	11.0	.46	1.04	140
GREGG 45A	187	E	3.21	141	35.0	10.5	.41	0.90	101
TAMCOT 788	181	E	3.34	136	32.3	10.2	.43	1.01	114

1969 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
CHICKASHA, OKLA. (IRR)									
COKER 201	5.55	1.09	0.91	38.4	19.0	8.3	77	7.8	83
DELTAPINE 16	5.24	1.15	0.96	35.7	20.0	9.9	77	8.0	83
WESTBURN	4.75	0.99	0.83	37.0	18.7	8.9	78	7.8	84
GREGG 45A	4.78	0.96	0.81	34.0	18.3	10.5	73	8.8	84
PAYMASTER 202	5.27	0.96	0.81	40.8	20.5	8.4	75	8.0	85
TAMCOT 788	4.70	1.12	0.94	45.8	22.4	6.4	78	8.0	84
LOCKETT 4789A	5.13	1.11	0.93	39.8	20.6	8.3	76	8.0	84
PAYMASTER 111	4.90	1.02	0.85	39.3	20.0	8.1	76	8.5	84
LOCKETT 4789	5.34	1.02	0.85	36.2	19.2	9.4	75	8.3	84
LANKART 57	5.63	0.98	0.83	32.3	16.5	10.6	75	8.8	86
STRIPPER CALA S	4.65	1.02	0.83	43.0	20.4	7.8	77	8.0	81
LANKART 38-40	5.18	1.09	0.90	38.7	19.8	8.8	76	7.8	83
DUNN 56C	4.95	1.11	0.94	43.8	22.8	8.0	77	7.8	85
ACALA SJ-1	5.05	1.17	1.00	42.1	23.0	8.7	77	7.5	86
MCGREGOR, TEX.									
LANKART 57	4.33	0.94	0.74	34.7	17.1	7.8	68	9.0	79
PAYMASTER 111	4.30	0.97	0.77	35.9	19.5	6.4	68	8.3	80
WESTBURN	3.68	0.91	0.74	40.0	17.6	7.3	69	8.5	81
DELTAPINE 16	4.35	0.98	0.78	38.1	18.7	7.8	69	7.8	80
LOCKETT 4789	4.25	0.90	0.70	42.0	18.7	6.1	64	8.3	78
COKER 201	4.25	0.95	0.74	37.0	17.0	6.3	70	8.5	78
LANKART 38-40	4.91	0.98	0.76	38.8	18.2	6.3	67	9.0	78
PAYMASTER 202	4.58	0.91	0.74	45.5	20.8	5.8	68	9.0	81
LOCKETT 4789A	4.40	0.97	0.77	41.3	18.4	6.6	66	9.0	79
DUNN 56C	3.65	1.01	0.79	38.4	20.8	6.7	68	8.5	79
STRIPPER CALA S	3.80	0.87	0.67	45.0	18.5	5.6	68	8.8	77
ACALA SJ-1	2.03	1.03	0.82	42.6	22.4	6.1	67	8.3	80
GREGG 45A	4.23	0.87	0.69	37.5	17.5	7.1	67	10.0	79
TAMCOT 788	3.23	0.93	0.72	47.7	19.6	5.8	65	8.5	78

1969 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. PER ACRE	LINT	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
S-S32	1063	A	5.91	78	36.3	12.1	.52	1.13	136
DELTAPINE 16	1055	AB	5.59	82	37.9	10.5	.50	1.12	113
COKER 201	997	ABC	5.71	81	38.9	11.5	.48	1.08	112
S-913	981	ABC	6.20	74	36.4	13.2	.54	1.13	141
ACALA 1517V	944	ABCD	6.19	74	36.8	13.4	.55	1.21	150
ACALA 12302-4	943	ABCD	6.17	75	36.5	13.3	.53	1.15	140
ARIZ. 6218	940	ABCD	5.44	84	37.3	11.7	.52	1.12	139
B 4364	935	ABCD	5.60	82	36.1	12.4	.52	1.15	149
HOPICALA	924	BCD	6.31	72	38.4	12.9	.53	1.12	144
ACALA SJ-1	903	CD	6.21	74	36.5	13.7	.54	1.14	137
ACALA IMPERIAL	900	CD	5.88	78	36.0	12.0	.52	1.11	130
PAYMASTER 111	827	D	6.61	69	36.3	12.7	.49	1.07	116

SUBREGIONAL SUMMARY COMBINING BRAWLEY, YUMA AND PHOENIX

DELTAPINE 16	1363	A	5.75	80	37.3	10.9	.51	1.14	115
S-S32	1313	A	6.17	74	35.3	12.5	.54	1.15	139
COKER 201	1214	AB	5.85	78	37.8	11.6	.49	1.09	115
S-913	1103	BC	6.45	71	35.7	14.0	.54	1.13	142
ACALA 12302-4	1092	BC	6.61	69	36.0	14.2	.54	1.14	143
ACALA IMPERIAL	1085	BC	6.23	74	35.3	12.5	.53	1.14	134
ARIZ. 6218	1079	BC	5.69	80	36.7	11.4	.53	1.13	142
ACALA 1517V	1059	BC	6.30	73	34.9	14.0	.56	1.22	149
B 4364	1057	BC	5.71	80	34.6	13.0	.53	1.16	154
ACALA SJ-1	994	C	6.49	71	35.2	14.3	.55	1.15	140
HOPICALA	975	C	6.48	71	36.8	13.7	.55	1.14	149
PAYMASTER 111	909	C	6.87	67	35.1	13.0	.49	1.07	115

SUBREGIONAL SUMMARY COMBINING LAS CRUCES, PECOS, ARTESIA AND PAHRUMP

HOPICALA	889	A	6.14	74	39.6	12.4	.52	1.10	138
DELTAPINE 16	884	A	5.43	84	38.4	10.3	.50	1.12	111
S-S32	882	A	5.65	81	37.0	11.7	.50	1.11	133
S-913	875	A	5.96	77	36.9	12.6	.54	1.13	140
ACALA 1517V	870	A	6.08	75	38.2	13.1	.54	1.20	149
ARIZ. 6218	855	A	5.19	88	37.8	11.9	.52	1.13	135
COKER 201	835	A	5.56	83	39.8	11.4	.48	1.07	109
B 4364	830	A	5.48	84	37.3	11.9	.52	1.14	141
ACALA 12302-4	814	A	5.73	80	36.9	12.7	.52	1.14	138
ACALA SJ-1	806	A	5.94	77	37.5	13.3	.53	1.14	132
ACALA IMPERIAL	780	A	5.54	82	36.5	11.7	.51	1.09	126
PAYMASTER 111	779	A	6.35	72	37.1	12.4	.49	1.07	117

LOCATIONS COMBINING VARIETIES

BRAWLEY, CAL.	1255	A	5.69	80	37.3	12.2	.52	1.13	131
PECOS, TEX.	1064	B	5.80	79	39.0	11.8	.54	1.14	132
YUMA, ARIZ.	1045	B	6.89	66	36.0	13.2	.53	1.14	138
PHOENIX, ARIZ.	1012	BC	6.07	75	34.3	13.4	.54	1.15	140
ARTESIA, N.MEX.	993	BC	6.09	76	38.4	12.4			
SHAFTER, CAL.	930	C					.50	1.11	137
PAHRUMP, NEV.	706	D	5.37	85	36.7	11.8	.50	1.10	128
LAS CR., N.MEX.	603	E			36.9	12.5	.51	1.12	131

1969 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
S-S32	4.28	1.11	0.90	40.2	21.5	7.3	72	7.6	81
DELTAPINE 16	4.58	1.10	0.86	35.8	19.0	9.0	75	7.4	79
COKER 201	4.74	1.06	0.84	37.8	18.2	6.8	73	7.7	79
S-913	4.65	1.14	0.95	41.8	22.6	6.9	73	7.7	83
ACALA 1517V	4.12	1.19	0.97	42.8	23.0	6.5	74	7.4	81
ACALA 12302-4	4.55	1.16	0.95	42.2	22.4	6.8	72	7.7	82
ARIZ. 6218	4.22	1.10	0.90	41.6	21.7	6.8	73	7.6	82
B 4364	4.28	1.14	0.91	45.3	22.9	6.4	73	7.8	80
HOPICALA	4.25	1.11	0.91	43.1	22.6	6.9	73	7.6	81
ACALA SJ-1	4.46	1.13	0.93	40.5	22.2	6.8	72	7.7	82
ACALA IMPERIAL	4.37	1.10	0.90	39.4	20.3	7.0	72	7.9	82
PAYMASTER 111	4.55	1.05	0.84	38.5	19.1	6.9	71	7.8	81

SUBREGIONAL SUMMARY COMBINING BRAWLEY, YUMA AND PHOENIX

DELTAPINE 16	4.63	1.10	0.86	36.8	19.3	8.2	77	7.2	78
S-S32	4.49	1.12	0.91	40.9	21.8	6.4	74	8.0	81
COKER 201	4.78	1.08	0.85	38.9	18.5	6.3	74	7.8	79
S-913	4.75	1.14	0.95	42.4	23.3	6.2	73	7.8	84
ACALA 12302-4	4.72	1.16	0.95	43.3	23.1	6.3	73	7.8	82
ACALA IMPERIAL	4.56	1.11	0.93	40.6	20.8	6.5	73	8.0	84
ARIZ. 6218	4.29	1.11	0.92	42.5	22.1	6.3	75	7.8	83
ACALA 1517V	4.17	1.21	0.98	42.9	22.9	6.2	76	7.4	81
B 4364	4.25	1.16	0.93	46.6	23.6	5.9	75	8.0	80
ACALA SJ-1	4.58	1.14	0.95	40.6	22.8	6.4	73	7.9	83
HOPICALA	4.23	1.14	0.93	43.5	23.1	6.4	75	7.8	82
PAYMASTER 111	4.70	1.05	0.85	38.8	19.2	6.4	73	8.1	81

SUBREGIONAL SUMMARY COMBINING LAS CRUCES, PECOS, ARTESIA AND PAHRUMP

HOPICALA	4.33	1.09	0.89	42.6	22.0	7.5	71	7.3	82
DELTAPINE 16	4.84	1.11	0.89	34.9	18.2	9.9	72	7.3	80
S-S32	4.16	1.10	0.89	39.4	20.8	8.3	70	7.2	82
S-913	4.66	1.14	0.96	40.9	21.9	7.8	71	7.6	84
ACALA 1517V	4.20	1.18	0.98	42.5	22.5	7.1	73	7.3	83
ARIZ. 6218	4.31	1.10	0.90	40.6	21.1	7.5	70	7.3	82
COKER 201	4.91	1.06	0.86	37.2	17.9	7.4	71	7.4	81
B 4364	4.43	1.12	0.91	43.7	21.7	7.1	70	7.5	81
ACALA 12302-4	4.47	1.15	0.96	40.6	21.5	7.4	70	7.3	84
ACALA SJ-1	4.48	1.13	0.94	39.5	21.3	7.5	71	7.3	84
ACALA IMPERIAL	4.22	1.08	0.89	38.3	19.6	7.8	71	7.6	82
PAYMASTER 111	4.62	1.06	0.87	38.7	19.2	7.5	68	7.3	82

LOCATIONS COMBINING VARIETIES

BRAWLEY, CAL.	4.36	1.12	0.89	40.9	21.1	6.9	74	7.3	80
PECOS, TEX.	4.65	1.12	0.95	38.7	20.2	7.6	67	7.1	84
YUMA, ARIZ.	4.58	1.10	0.91	42.9	22.3	6.0	72	7.9	82
PHOENIX, ARIZ.	4.61	1.16	0.96	40.7	21.7	6.5	75	8.2	82
ARTESIA, N.MEX.									
SHAFTER, CAL.	4.01	1.10	0.85	41.1	21.9	6.5	75	8.0	78
PAHRUMP, NEV.	4.23	1.09	0.89	40.7	20.8	8.1	73	7.8	82
LAS CR., N.MEX.	4.52	1.12	0.90	40.4	21.0	7.6	71	7.2	80

BOLL SIZE, GRAM PER BOLL		BOLL SIZE, NO. PER LB.		LINT PCT.	
PAYMASTER 111	6.61 A	ARIZ. 6218	84 A	COKER 201	38.9 A
HOPICALA	6.31 AB	B 4364	82 AB	HOPICALA	38.4 AB
ACALA SJ-1	6.21 BC	DELTAPINE 16	82 AB	DELTAPINE 16	37.9 BC
S-913	6.20 BC	COKER 201	81 AB	ARIZ. 6218	37.3 CD
ACALA 1517V	6.19 BC	ACALA IMPERIAL	78 BC	ACALA 1517V	36.8 DE
ACALA 12302-4	6.17 BC	S-S32	78 BC	ACALA SJ-1	36.5 DE
S-S32	5.91 CD	ACALA 12302-4	75 CD	ACALA 12302-4	36.5 DE
ACALA IMPERIAL	5.88 CD	S-913	74 CD	S-913	36.4 DE
COKER 201	5.71 DE	ACALA SJ-1	74 CD	PAYMASTER 111	36.3 DE
B 4364	5.60 DE	ACALA 1517V	74 CD	S-S32	36.3 DE
DELTAPINE 16	5.59 DE	HOPICALA	72 DE	B 4364	36.1 E
ARIZ. 6218	5.44 E	PAYMASTER 111	69 E	ACALA IMPERIAL	36.0 E

SEED INDEX		SPAN LENGTH, 50 PCT.		SPAN LENGTH, 2.5 PCT.	
ACALA SJ-1	13.7 A	ACALA 1517V	0.55 A	ACALA 1517V	1.21 A
ACALA 1517V	13.4 AB	ACALA SJ-1	0.54 AB	ACALA 12302-4	1.15 B
ACALA 12302-4	13.3 AB	S-913	0.54 AB	B 4364	1.15 B
S-913	13.2 AB	ACALA 12302-4	0.53 BC	ACALA SJ-1	1.14 BC
HOPICALA	12.9 BC	HOPICALA	0.53 BC	S-S32	1.13 CD
PAYMASTER 111	12.7 BCD	ACALA IMPERIAL	0.52 C	S-913	1.13 CD
B 4364	12.4 CDE	S-S32	0.52 C	ARIZ. 6218	1.12 D
S-S32	12.1 DEF	ARIZ. 6218	0.52 C	HOPICALA	1.12 D
ACALA IMPERIAL	12.0 DEF	B 4364	0.52 C	DELTAPINE 16	1.12 D
ARIZ. 6218	11.7 EF	DELTAPINE 16	0.50 D	ACALA IMPERIAL	1.11 D
COKER 201	11.5 F	PAYMASTER 111	0.49 DE	COKER 201	1.08 E
DELTAPINE 16	10.5 G	COKER 201	0.48 E	PAYMASTER 111	1.07 E

22'S		MICRONAIRE	
ACALA 1517V	150 A	COKER 201	4.74 A
B 4364	149 A	S-913	4.65 AB
HOPICALA	144 B	DELTAPINE 16	4.58 ABC
S-913	141 BC	ACALA 12302-4	4.55 ABC
ACALA 12302-4	140 BCD	PAYMASTER 111	4.55 ABC
ARIZ. 6218	139 CD	ACALA SJ-1	4.46 BCD
ACALA SJ-1	137 CD	ACALA IMPERIAL	4.37 CD
S-S32	136 D	B 4364	4.28 DE
ACALA IMPERIAL	130 E	S-S32	4.28 DE
PAYMASTER 111	116 F	HOPICALA	4.25 DE
DELTAPINE 16	113 F	ARIZ. 6218	4.22 DE
COKER 201	112 F	ACALA 1517V	4.12 E

1969 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, UHM			DRAWING SLIVER, MEAN			UNIFORMITY RATIO		
ACALA 1517V	1.19	A	ACALA 1517V	0.97	A	S-913	83	A
ACALA 12302-4	1.16	B	S-913	0.95	AB	ACALA IMPERIAL	82	AB
B 4364	1.14	BC	ACALA 12302-4	0.95	AB	ARIZ. 6218	82	AB
S-913	1.14	BC	ACALA SJ-1	0.93	BC	ACALA SJ-1	82	AB
ACALA SJ-1	1.13	CD	HOPICALA	0.91	C	ACALA 12302-4	82	AB
HOPICALA	1.11	DE	B 4364	0.91	C	ACALA 1517V	81	BC
S-S32	1.11	DE	ARIZ. 6218	0.90	C	HOPICALA	81	BC
DELTAPINE 16	1.10	E	S-S32	0.90	C	PAYMASTER 111	81	BC
ARIZ. 6218	1.10	E	ACALA IMPERIAL	0.90	C	S-S32	81	BC
ACALA IMPERIAL	1.10	E	DELTAPINE 16	0.86	D	B 4364	80	CD
COKER 201	1.06	F	COKER 201	0.84	D	DELTAPINE 16	79	D
PAYMASTER 111	1.05	F	PAYMASTER 111	0.84	D	COKER 201	79	D

COLORIMETER -RD			COLORIMETER -B			STELOMETER - E1		
DELTAPINE 16	75	A	ACALA IMPERIAL	7.9	A	DELTAPINE 16	9.0	A
ACALA 1517V	74	AB	B 4364	7.8	A	S-S32	7.3	B
HOPICALA	73	BC	S-913	7.7	AB	ACALA IMPERIAL	7.0	BC
COKER 201	73	BC	COKER 201	7.7	AB	HOPICALA	6.9	CD
B 4364	73	BC	ACALA 12302-4	7.7	AB	PAYMASTER 111	6.9	CD
S-913	73	BC	PAYMASTER 111	7.7	AB	S-913	6.9	CD
ARIZ. 6218	73	BC	ACALA SJ-1	7.7	AB	ACALA 12302-4	6.8	CDE
S-S32	72	CD	ARIZ. 6218	7.6	AB	ARIZ. 6218	6.8	CDE
ACALA 12302-4	72	CD	HOPICALA	7.6	AB	COKER 201	6.8	CDE
ACALA SJ-1	72	CD	S-S32	7.6	AB	ACALA SJ-1	6.8	CDE
ACALA IMPERIAL	72	CD	DELTAPINE 16	7.4	B	ACALA 1517V	6.5	DE
PAYMASTER 111	71	D	ACALA 1517V	7.4	B	B 4364	6.4	E

STELOMETER - TO			STELOMETER - T1		
B 4364	45.3	A	ACALA 1517V	23.0	A
HOPICALA	43.1	B	B 4364	22.9	A
ACALA 1517V	42.8	BC	S-913	22.6	A
ACALA 12302-4	42.2	BC	HOPICALA	22.6	A
S-913	41.8	BCD	ACALA 12302-4	22.4	AB
ARIZ. 6218	41.6	CD	ACALA SJ-1	22.2	ABC
ACALA SJ-1	40.5	DE	ARIZ. 6218	21.7	BC
S-S32	40.2	E	S-S32	21.5	C
ACALA IMPERIAL	39.4	EF	ACALA IMPERIAL	20.3	D
PAYMASTER 111	38.5	FG	PAYMASTER 111	19.1	E
COKER 201	37.8	G	DELTAPINE 16	19.0	E
DELTAPINE 16	35.8	H	COKER 201	18.2	F

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
SHAFTER, CAL.									
S-913	1038	A					.51	1.11	144
S-S32	1032	AB					.51	1.12	135
ACALA SJ-1	1019	AB					.53	1.13	140
ACALA 12302-4	1008	AB					.52	1.15	143
COKER 201	998	AB					.46	1.06	115
B 4364	987	ABC					.51	1.14	160
HOPICALA	906	ABCD					.52	1.09	150
ACALA 1517V	894	ABCD					.56	1.22	156
ARIZ. 6218	866	BCD					.49	1.07	143
ACALA IMPERIAL	827	CD					.49	1.09	131
DELTAPINE 16	814	D					.46	1.08	114
PAYMASTER 111	774	D					.46	1.05	115
BRAWLEY, CAL.									
S-913	1428	A	5.74	79	37.4	13.4	.53	1.11	130
S-S32	1420	A	5.70	80	36.4	11.9	.52	1.15	131
ACALA 12302-4	1381	AB	6.21	73	38.3	13.3	.53	1.14	137
COKER 201	1380	AB	5.33	85	39.4	10.7	.48	1.06	109
DELTAPINE 16	1353	ABC	5.12	89	38.5	10.0	.49	1.11	110
ACALA SJ-1	1273	BCD	5.76	79	36.7	13.4	.53	1.14	136
ACALA IMPERIAL	1251	CD	5.66	81	36.8	11.8	.52	1.12	127
B 4364	1207	DE	5.38	84	36.5	12.1	.52	1.15	147
ARIZ. 6218	1166	DEF	5.08	89	38.0	10.5	.51	1.11	139
ACALA 1517V	1102	EFG	5.90	77	35.9	13.6	.53	1.19	149
PAYMASTER 111	1075	FG	6.32	72	35.8	12.6	.50	1.08	113
HOPICALA	1025	G	6.05	75	38.2	13.2	.54	1.13	146
YUMA, ARIZ.									
S-S32	1241	A	6.80	67	35.5	12.5	.53	1.15	139
DELTAPINE 16	1239	A	6.37	72	37.3	11.4	.52	1.15	118
COKER 201	1098	AB	6.47	70	37.7	11.9	.50	1.11	114
ACALA 1517V	1063	BC	6.97	65	35.2	14.2	.56	1.23	152
S-913	1045	BC	7.22	63	35.8	14.2	.53	1.14	149
ARIZ. 6218	1044	BC	6.37	71	36.5	11.9	.53	1.13	145
ACALA 12302-4	1023	BC	7.17	64	35.9	14.5	.53	1.13	146
ACALA IMPERIAL	1013	BC	6.88	66	35.8	13.0	.53	1.15	137
HOPICALA	997	BC	7.20	63	37.2	13.6	.54	1.13	150
B 4364	949	BC	6.20	73	34.6	13.0	.53	1.14	156
ACALA SJ-1	929	BC	7.17	64	35.0	14.6	.56	1.16	139
PAYMASTER 111	893	C	7.85	58	35.9	13.3	.49	1.06	113
PHOENIX, ARIZ.									
DELTAPINE 16	1498	A	5.75	79	36.0	11.1	.51	1.15	117
S-S32	1279	B	6.01	76	34.0	13.1	.55	1.14	146
COKER 201	1163	BC	5.75	79	36.3	12.2	.49	1.10	122
ARIZ. 6218	1026	CD	5.63	81	35.6	11.8	.54	1.14	143
B 4364	1016	CD	5.56	82	32.7	13.7	.54	1.18	159
ACALA 1517V	1013	CD	6.04	76	33.7	14.1	.58	1.24	148
ACALA IMPERIAL	991	DE	6.15	74	33.4	12.8	.55	1.15	137
HOPICALA	904	DEF	6.17	74	35.0	14.4	.56	1.14	151
ACALA 12302-4	873	DEF	6.45	71	33.9	14.7	.54	1.16	146
S-913	835	EF	6.38	72	33.8	14.5	.55	1.13	146
ACALA SJ-1	781	F	6.52	70	33.8	14.8	.55	1.15	146
PAYMASTER 111	760	F	6.45	70	33.6	13.1	.48	1.06	118

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
SHAFTER, CAL.									
S-913	4.30	1.13	0.90	42.9	22.4	6.3	75	8.0	80
S-S32	4.03	1.10	0.88	40.5	22.4	6.7	76	8.0	80
ACALA SJ-1	4.05	1.09	0.84	42.6	22.6	6.0	75	8.0	77
ACALA 12302-4	4.28	1.16	0.93	43.9	23.1	6.1	75	8.3	81
COKER 201	4.09	1.03	0.77	36.5	18.7	6.7	75	8.0	76
B 4364	3.95	1.13	0.86	45.7	24.1	5.6	75	8.0	76
HOPICALA	4.10	1.11	0.88	43.3	22.6	6.7	74	8.0	80
ACALA 1517V	3.76	1.18	0.91	43.5	24.4	5.9	75	7.5	78
ARIZ. 6218	3.75	1.06	0.82	41.9	22.4	6.3	76	8.0	78
ACALA IMPERIAL	4.23	1.10	0.87	39.1	20.9	6.2	76	8.3	79
DELTAPINE 16	3.63	1.05	0.78	35.3	20.1	8.7	78	8.3	75
PAYMASTER 111	3.93	1.02	0.76	37.1	18.8	6.6	75	8.0	75
BRAWLEY, CAL.									
S-913	4.69	1.13	0.93	39.1	21.7	7.1	74	7.3	83
S-S32	4.40	1.12	0.88	40.4	20.9	6.4	73	7.5	79
ACALA 12302-4	4.51	1.15	0.93	42.8	22.1	6.5	75	7.5	81
COKER 201	4.68	1.05	0.80	37.5	17.9	6.5	74	7.0	77
DELTAPINE 16	4.31	1.06	0.80	37.0	18.9	9.3	75	6.5	76
ACALA SJ-1	4.46	1.15	0.95	38.9	21.6	6.8	75	7.3	83
ACALA IMPERIAL	4.41	1.11	0.91	40.1	20.1	6.7	73	7.8	83
B 4364	4.06	1.14	0.89	46.2	23.7	6.0	77	7.5	79
ARIZ. 6218	4.10	1.10	0.87	41.9	22.0	6.8	76	7.5	80
ACALA 1517V	4.03	1.20	0.96	44.0	22.8	6.8	76	7.0	80
PAYMASTER 111	4.55	1.04	0.81	38.5	18.4	7.5	74	7.5	78
HOPICALA	4.10	1.13	0.89	43.7	23.3	6.7	75	7.3	79
YUMA, ARIZ.									
S-S32	4.55	1.09	0.91	42.4	22.4	6.2	73	8.0	84
DELTAPINE 16	4.77	1.08	0.86	36.7	19.8	7.2	76	7.5	80
COKER 201	4.68	1.06	0.84	40.0	18.3	6.3	73	8.0	79
ACALA 1517V	4.33	1.18	0.97	44.3	23.6	5.3	75	7.5	82
S-913	4.75	1.13	0.96	45.1	24.2	5.6	71	7.8	85
ARIZ. 6218	4.50	1.07	0.91	44.6	23.3	5.7	73	7.8	85
ACALA 12302-4	4.95	1.14	0.95	45.1	24.6	5.6	71	7.8	83
ACALA IMPERIAL	4.58	1.07	0.90	41.8	21.8	6.0	71	8.0	84
HOPICALA	4.10	1.13	0.93	44.6	23.4	5.6	72	8.3	82
B 4364	4.33	1.14	0.92	47.5	23.4	5.9	72	8.0	81
ACALA SJ-1	4.63	1.12	0.91	42.8	23.1	6.1	71	8.0	81
PAYMASTER 111	4.75	1.01	0.83	39.7	19.4	5.8	71	8.3	82
PHOENIX, ARIZ.									
DELTAPINE 16	4.80	1.15	0.91	36.6	19.2	8.0	79	7.5	79
S-S32	4.51	1.15	0.93	40.0	22.1	6.5	75	8.5	82
COKER 201	4.98	1.12	0.90	39.0	19.1	6.1	75	8.5	81
ARIZ. 6218	4.28	1.15	0.96	40.9	21.0	6.5	76	8.3	80
B 4364	4.36	1.18	0.96	46.2	23.7	5.8	76	8.5	81
ACALA 1517V	4.15	1.24	1.02	40.5	22.4	6.4	77	7.8	83
ACALA IMPERIAL	4.70	1.15	0.98	40.0	20.4	6.6	75	8.3	85
HOPICALA	4.50	1.16	0.97	42.1	22.5	6.8	77	8.0	84
ACALA 12302-4	4.71	1.20	0.97	41.9	22.6	6.9	74	8.3	82
S-913	4.81	1.16	0.96	43.0	23.9	5.9	75	8.3	83
ACALA SJ-1	4.65	1.16	0.98	40.1	23.7	6.3	74	8.5	85
PAYMASTER 111	4.80	1.09	0.90	38.2	19.7	6.0	75	8.5	83

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
LAS CRUCES, N. MEX.									
ACALA 1517V	760	A			37.1	12.9	.55	1.21	157
DELTAPINE 16	719	AB			37.9	9.9	.49	1.13	107
B 4364	697	AB			36.3	11.9	.53	1.17	146
HOPICALA	686	AB			38.3	12.9	.51	1.11	140
S-913	674	AB			36.3	12.5	.54	1.14	146
ARIZ. 6218	651	ABC			38.0	13.1	.52	1.11	136
ACALA SJ-1	632	ABC			36.4	13.5	.52	1.13	132
COKER 201	585	BC			39.4	12.0	.48	1.07	107
PAYMASTER 111	584	BC			35.9	12.5	.47	1.04	110
ACALA 12302-4	504	CD			35.7	13.7	.53	1.14	138
ACALA IMPERIAL	389	DE			36.3	12.7	.49	1.08	120
S-S32	351	E			34.9	11.7	.49	1.12	138
PECOS, TEX.									
DELTAPINE 16	1251	A	5.12	89	39.9	10.1	.53	1.14	114
COKER 201	1231	A	5.28	86	41.7	10.0	.49	1.09	111
ARIZ. 6218	1166	AB	5.70	80	40.4	10.6	.54	1.16	134
S-S32	1107	ABC	5.74	80	38.6	11.7	.52	1.12	135
S-913	1044	BC	6.23	73	38.1	12.8	.55	1.15	138
HOPICALA	1044	BC	5.91	77	40.0	11.7	.55	1.13	141
ACALA IMPERIAL	1038	BC	5.28	86	38.3	10.7	.52	1.11	127
ACALA 12302-4	999	C	6.03	75	38.4	13.0	.54	1.14	139
ACALA SJ-1	998	C	5.90	77	38.4	12.8	.54	1.16	135
ACALA 1517V	969	C	5.80	79	38.4	12.7	.58	1.23	149
B 4364	965	C	5.74	79	37.9	12.4	.55	1.16	145
PAYMASTER 111	958	C	6.84	66	37.4	12.7	.53	1.10	123
PAHRUMP, NEV.									
S-S32	889	A	5.14	89	35.7	11.0	.50	1.08	127
ACALA IMPERIAL	784	AB	5.82	79	34.3	11.1	.52	1.09	130
S-913	761	AB	5.36	85	37.3	11.5	.52	1.11	136
ACALA 1517V	753	AB	5.82	78	36.7	13.5	.49	1.15	142
ACALA 12302-4	746	AB	5.02	92	35.8	11.1	.49	1.14	136
HOPICALA	741	AB	5.70	80	39.5	12.2	.50	1.07	134
DELTAPINE 16	662	B	5.48	83	37.2	10.6	.48	1.09	112
PAYMASTER 111	660	B	5.58	82	36.4	11.3	.46	1.06	118
ACALA SJ-1	638	B	5.60	81	37.8	12.4	.52	1.12	130
B 4364	627	B	4.76	96	36.1	11.3	.48	1.09	133
ARIZ. 6218	620	B	4.96	92	34.6	12.6	.49	1.11	136
COKER 201	586	B	5.24	87	38.9	12.7	.47	1.05	109
ARTESIA, N.MEX.									
S-332	1181	A	6.07	76	38.8	12.4			
HOPICALA	1086	AB	6.81	67	40.5	12.6			
B 4364	1029	AB	5.94	76	38.8	12.1			
S-913	1021	AB	6.28	72	35.8	13.4			
ACALA 12302-4	1008	AB	6.14	74	37.5	12.8			
ACALA 1517V	996	AB	6.61	69	40.4	13.0			
ARIZ. 6218	981	AB	4.92	93	38.2	11.1			
ACALA SJ-1	957	B	6.31	73	37.3	14.2			
COKER 201	936	B	6.16	77	39.2	10.9			
PAYMASTER 111	913	B	6.62	69	38.8	13.1			
ACALA IMPERIAL	908	B	5.50	83	37.0	12.2			
DELTAPINE 16	902	B	5.70	80	38.7	10.6			

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
LAS CRUCES, N. MEX.									
ACALA 1517V	4.43	1.21	0.97	42.9	23.2	7.0	73	7.0	80
DELTAPINE 16	4.80	1.13	0.89	32.8	17.9	10.3	72	7.5	79
B 4364	4.43	1.15	0.90	45.1	22.3	6.6	73	7.0	79
HOPICALA	4.28	1.11	0.89	44.0	22.4	6.9	71	7.0	80
S-913	4.97	1.17	0.97	41.8	22.8	7.5	71	7.5	83
ARIZ. 6218	4.33	1.11	0.90	41.0	21.6	7.2	72	7.3	81
ACALA SJ-1	4.78	1.12	0.91	40.4	21.4	7.1	72	7.3	81
COKER 201	4.78	1.06	0.85	38.0	18.2	7.2	71	7.0	81
PAYMASTER 111	4.83	1.03	0.82	38.2	18.4	7.3	70	7.5	79
ACALA 12302-4	4.65	1.17	0.96	41.4	22.3	7.2	73	7.5	82
ACALA IMPERIAL	4.15	1.06	0.83	38.9	19.4	7.7	71	7.5	78
S-S32	3.88	1.12	0.89	39.5	21.4	8.3	70	6.5	80
PECOS, TEX.									
DELTAPINE 16	4.94	1.10	0.91	34.6	17.7	9.4	69	7.0	83
COKER 201	5.01	1.08	0.90	36.7	17.5	7.2	69	7.3	83
ARIZ. 6218	4.40	1.09	0.92	38.8	20.2	7.3	68	7.0	85
S-S32	4.55	1.10	0.92	39.1	20.9	7.9	67	7.3	84
S-913	4.86	1.15	1.00	39.2	21.8	8.0	67	7.0	88
HOPICALA	4.43	1.10	0.93	40.2	21.5	7.9	69	7.0	85
ACALA IMPERIAL	4.50	1.09	0.94	36.7	18.7	7.7	66	7.0	86
ACALA 12302-4	4.86	1.15	0.99	40.2	21.3	7.4	67	7.5	86
ACALA SJ-1	4.63	1.14	0.96	39.1	20.3	7.4	66	7.3	84
ACALA 1517V	4.25	1.22	1.05	40.2	21.7	7.2	69	6.8	86
B 4364	4.45	1.14	0.95	43.3	21.7	6.6	66	7.3	83
PAYMASTER 111	4.90	1.06	0.87	35.9	18.5	7.5	67	7.5	82
PAHRUMP, NEV.									
S-S32	4.06	1.06	0.87	39.5	20.1	8.6	74	7.8	82
ACALA IMPERIAL	4.01	1.08	0.88	39.1	20.7	8.1	76	8.3	82
S-913	4.16	1.10	0.90	41.7	21.0	7.9	76	8.3	82
ACALA 1517V	3.91	1.11	0.91	44.4	22.6	7.0	76	8.3	83
ACALA 12302-4	3.90	1.12	0.93	40.3	20.9	7.6	70	7.0	83
HOPICALA	4.28	1.06	0.85	43.5	22.1	7.8	74	8.0	81
DELTAPINE 16	4.78	1.09	0.88	37.1	19.0	10.1	75	7.3	80
PAYMASTER 111	4.13	1.07	0.92	41.8	20.5	7.6	67	7.0	86
ACALA SJ-1	4.04	1.11	0.95	39.0	22.3	8.0	74	7.5	86
B 4364	4.40	1.08	0.87	42.7	21.1	8.0	71	8.3	81
ARIZ. 6218	4.18	1.10	0.88	41.8	21.3	8.0	72	7.8	81
COKER 201	4.95	1.04	0.83	36.9	17.9	7.8	73	8.0	81

1969 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ACALA SJ-1	918 A	7.68	59	35.5	14.1	.51	1.13	138
ACALA4-42-1958E	908 A	8.38	54	37.7	14.1	.50	1.09	140
S155	907 A	7.43	61	34.4	14.0	.51	1.16	140
ACALA 4-42	881 A	8.32	55	38.5	14.1	.50	1.11	139
DELTAPINE 16	865 A	6.07	75	36.7	11.1	.46	1.10	115

SUBREGIONAL SUMMARY COMBINING KERN LAKE, TULARE, COALINGA AND DOS PALOS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ACALA4-42-1958E	1040 A	8.85	51	37.7	14.2	.50	1.09	138
ACALA 4-42	1024 A	8.74	52	38.2	14.1	.50	1.11	137
ACALA SJ-1	1017 A	8.14	56	35.2	14.0	.50	1.12	136
S155	996 A	7.75	59	34.5	14.0	.51	1.15	136
DELTAPINE 16	949 A	6.18	74	36.5	11.2	.45	1.10	114
COKER 201	913 A	6.20	74	37.8	11.3	.44	1.05	110
PAYMASTER 111	772 B	7.74	59	35.1	12.5	.45	1.03	116

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
COALINGA, CAL.	1299 A	8.35	55	37.0	13.3	.50	1.12	134
KERN LAKE, CAL.	1040 B	7.66	60	36.3	13.5	.49	1.12	130
DOS PALOS, CAL.	976 BC	8.30	56	36.5	13.6	.50	1.12	132
HANFORD, CAL.	965 BC	8.11	56	37.5	13.7	.51	1.13	135
POND, CAL.	953 C	7.30	63	35.6	13.5	.50	1.13	136
CHOWCH'IA, CAL.	797 D	7.63	60	37.5	14.2	.52	1.14	141
TRANQ'TY, CAL.	781 DE	7.06	65	36.3	13.3	.49	1.11	137
WOODVILLE, CAL.	779 DE	6.80	68	36.0	12.8	.47	1.08	128
TULARE, CAL.	705 EF	7.41	63	35.8	13.7	.48	1.10	132
KERMAN, CAL.	660 F	7.12	64	37.0	13.3	.49	1.10	137

1969 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
ACALA SJ-1	4.39	1.12	0.91	43.1	21.7	7.0	75	8.1	81
ACALA4-42-1958E	4.28	1.10	0.91	41.0	21.6	7.5	76	8.0	83
S155	4.31	1.14	0.92	42.6	22.0	7.0	75	8.0	81
ACALA 4-42	4.24	1.11	0.92	40.8	21.7	7.7	76	7.9	83
DELTAPINE 16	3.88	1.06	0.83	35.8	18.9	9.3	78	7.8	78

SUBREGIONAL SUMMARY COMBINING KERN LAKE, TULARE, COALINGA AND DOS PALOS

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
ACALA4-42-1958E	4.23	1.09	0.92	39.4	20.9	7.4	75	7.9	84
ACALA 4-42	4.19	1.10	0.92	40.0	21.0	7.8	75	7.9	83
ACALA SJ-1	4.31	1.11	0.92	42.1	21.7	7.0	74	8.0	82
S155	4.30	1.14	0.94	41.7	21.8	6.8	75	8.0	82
DELTAPINE 16	3.77	1.06	0.84	35.3	18.3	9.2	77	7.8	80
COKER 201	3.95	1.02	0.82	37.8	17.7	7.1	76	7.9	80
PAYMASTER 111	4.13	1.00	0.81	38.4	17.9	7.4	75	7.9	81

LOCATIONS COMBINING VARIETIES

LOCATION	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
COALINGA, CAL.	4.28	1.14	0.95	37.3	20.4	8.0	79	7.7	83
KERN LAKE, CAL.	4.25	1.09	0.90	40.1	21.0	7.9	77	8.5	82
DOS PALOS, CAL.	4.21	1.10	0.90	40.8	20.7	7.1	70	7.5	82
HANFORD, CAL.	4.39	1.11	0.89	42.2	21.3	7.1	75	8.3	80
POND, CAL.	4.16	1.13	0.91	40.7	21.9	7.9	78	8.1	80
CHOWCH'IA, CAL.	4.38	1.16	0.97	39.9	21.3	8.0	76	7.6	83
TRANQ'TY, CAL.	4.15	1.10	0.88	42.2	21.9	7.9	77	8.0	80
WOODVILLE, CAL.	4.21	1.04	0.80	41.5	20.8	7.7	75	7.9	77
TULARE, CAL.	3.90	1.09	0.89	40.5	21.0	7.6	76	7.8	81
KERMAN, CAL.	4.28	1.10	0.89	41.4	21.4	7.5	77	8.0	81

1969 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL

ACALA4-42-1958E	8.38	A
ACALA 4-42	8.32	A
ACALA SJ-1	7.68	B
S155	7.43	C
DELTAPINE 16	6.07	D

BOLL SIZE, NO. PER LB.

DELTAPINE 16	75	A
S155	61	B
ACALA SJ-1	59	B
ACALA 4-42	55	C
ACALA4-42-1958E	54	C

LINT PCT.

ACALA 4-42	38.5	A
ACALA4-42-1958E	37.7	B
DELTAPINE 16	36.7	C
ACALA SJ-1	35.5	D
S155	34.4	E

SEED INDEX

ACALA 4-42	14.1	A
ACALA SJ-1	14.1	A
ACALA4-42-1958E	14.1	A
S155	14.0	A
DELTAPINE 16	11.1	B

SPAN LENGTH, 2.5 PCT.

S155	1.16	A
ACALA SJ-1	1.13	B
ACALA 4-42	1.11	C
DELTAPINE 16	1.10	CD
ACALA4-42-1958E	1.09	D

SPAN LENGTH, 50 PCT.

S155	0.51	A
ACALA SJ-1	0.51	A
ACALA4-42-1958E	0.50	A
ACALA 4-42	0.50	A
DELTAPINE 16	0.46	B

22'S

ACALA4-42-1958E	140	A
S155	140	A
ACALA 4-42	139	A
ACALA SJ-1	138	A
DELTAPINE 16	115	B

MICRONAIRE

ACALA SJ-1	4.39	A
S155	4.31	AB
ACALA4-42-1958E	4.28	AB
ACALA 4-42	4.24	B
DELTAPINE 16	3.88	C

1969 SAN JOAQUIN VALLEY CONTINUOUS COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, UHM

S155	1.14	A
ACALA SJ-1	1.12	B
ACALA 4-42	1.11	BC
ACALA4-42-1958E	1.10	C
DELTAPINE 16	1.06	D

DRAWING SLIVER, MEAN

S155	0.92	A
ACALA 4-42	0.92	A
ACALA4-42-1958E	0.91	A
ACALA SJ-1	0.91	A
DELTAPINE 16	0.83	B

UNIFORMITY RATIO

ACALA4-42-1958E	83	A
ACALA 4-42	83	A
S155	81	B
ACALA SJ-1	81	B
DELTAPINE 16	78	C

STELOMETER - TO

ACALA SJ-1	43.1	A
S155	42.6	A
ACALA4-42-1958E	41.0	B
ACALA 4-42	40.8	B
DELTAPINE 16	35.8	C

STELOMETER - T1

S155	22.0	A
ACALA 4-42	21.7	A
ACALA SJ-1	21.7	A
ACALA4-42-1958E	21.6	A
DELTAPINE 16	18.9	B

STELOMETER - E1

DELTAPINE 16	9.3	A
ACALA 4-42	7.7	B
ACALA4-42-1958E	7.5	B
ACALA SJ-1	7.0	C
S155	7.0	C

COLORIMETER -RD

DELTAPINE 16	78	A
ACALA4-42-1958E	76	B
ACALA 4-42	76	B
ACALA SJ-1	75	C
S155	75	C

COLORIMETER -B

ACALA SJ-1	8.1	A
S155	8.0	AB
ACALA4-42-1958E	8.0	AB
ACALA 4-42	7.9	BC
DELTAPINE 16	7.8	C

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
CHOWCHILLA, CAL.								
S155	849 A	7.42	61	35.6	15.0	.54	1.18	148
ACALA SJ-1	835 A	7.94	57	37.0	15.4	.53	1.15	142
ACALA4-42-1958E	793 A	8.36	54	38.4	15.0	.53	1.12	147
DELTAPINE 16	767 A	5.95	77	36.8	10.9	.48	1.11	123
ACALA 4-42	741 A	8.48	54	39.6	14.9	.53	1.13	145
KERMAN, CAL.								
S155	734 A	6.80	67	34.7	14.0	.50	1.13	143
ACALA SJ-1	708 AB	7.31	62	35.8	13.9	.51	1.11	139
ACALA4-42-1958E	647 ABC	7.90	58	37.7	13.8	.48	1.07	141
ACALA 4-42	634 BC	7.41	62	39.2	13.7	.49	1.09	141
DELTAPINE 16	578 C	6.15	74	37.2	11.1	.47	1.11	120
TRANQUILITY, CAL.								
DELTAPINE 16	830 A	5.99	76	37.3	11.1	.46	1.09	119
ACALA4-42-1958E	805 AB	7.95	57	37.8	13.5	.48	1.06	140
ACALA 4-42	774 BC	7.73	59	38.2	14.1	.49	1.10	141
ACALA SJ-1	765 C	6.86	66	35.0	14.4	.51	1.14	143
S155	730 D	6.76	68	33.2	13.4	.52	1.16	143
HANFORD, CAL.								
ACALA SJ-1	1044 A	8.05	57	36.7	13.7	.54	1.16	138
S155	1025 A	8.19	56	35.5	14.2	.53	1.17	143
ACALA4-42-1958E	952 B	8.47	54	37.9	14.4	.52	1.11	141
DELTAPINE 16	935 B	6.96	65	38.7	11.6	.45	1.10	113
ACALA 4-42	870 C	8.86	51	38.5	14.5	.51	1.12	143
WOODVILLE, CAL.								
S155	800 A	6.74	68	33.1	13.1	.50	1.14	136
ACALA SJ-1	794 A	6.84	66	34.6	13.6	.48	1.09	131
DELTAPINE 16	788 A	5.00	91	35.6	10.5	.44	1.07	109
ACALA4-42-1958E	758 A	7.83	58	37.8	13.2	.46	1.04	132
ACALA 4-42	757 A	7.58	60	38.8	13.7	.47	1.06	133
POND, CAL.								
ACALA SJ-1	964 A	7.28	63	34.5	13.9	.52	1.14	139
ACALA4-42-1958E	962 A	7.88	58	36.9	13.8	.49	1.10	143
DELTAPINE 16	957 A	5.87	78	35.4	11.2	.46	1.10	113
S155	948 A	7.33	62	33.3	14.5	.52	1.17	143
ACALA 4-42	933 A	8.11	56	37.6	14.0	.51	1.13	142

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
CHOWCHILLA, CAL.									
S155	4.58	1.20	1.00	41.8	22.2	7.3	76	7.5	83
ACALA SJ-1	4.53	1.16	0.95	40.8	21.3	7.4	75	7.8	82
ACALA4-42-1958E	4.55	1.17	1.00	41.2	22.2	7.8	77	7.8	85
DELTAPINE 16	3.80	1.10	0.85	35.4	19.0	9.7	79	7.5	78
ACALA 4-42	4.43	1.18	1.02	40.2	22.0	7.9	77	7.5	87
KERMAN, CAL.									
S155	4.35	1.13	0.90	42.8	22.6	6.6	76	8.0	80
ACALA SJ-1	4.33	1.10	0.90	44.0	21.2	7.0	77	8.0	83
ACALA4-42-1958E	4.23	1.08	0.87	41.9	22.3	7.3	76	8.3	81
ACALA 4-42	4.20	1.11	0.92	41.5	21.7	7.5	76	8.0	83
DELTAPINE 16	4.28	1.09	0.85	36.8	19.3	9.3	78	8.0	79
TRANQUILITY, CAL.									
DELTAPINE 16	3.76	1.06	0.80	36.3	20.5	8.9	78	8.0	76
ACALA4-42-1958E	4.30	1.08	0.88	43.3	22.0	7.8	77	8.0	82
ACALA 4-42	4.25	1.10	0.92	42.6	22.8	7.8	78	8.0	84
ACALA SJ-1	4.30	1.11	0.88	45.5	21.9	7.3	75	8.0	80
S155	4.13	1.12	0.89	43.1	22.1	7.7	75	8.0	80
HANFORD, CAL.									
ACALA SJ-1	4.73	1.14	0.94	45.1	21.3	6.4	74	8.8	82
S155	4.43	1.14	0.90	44.9	22.5	6.6	73	8.5	80
ACALA4-42-1958E	4.40	1.10	0.89	42.6	21.8	7.1	76	8.5	82
DELTAPINE 16	4.05	1.04	0.79	36.3	18.9	8.6	78	7.8	76
ACALA 4-42	4.38	1.11	0.92	42.0	22.1	6.8	75	8.3	83
WOODVILLE, CAL.									
S155	4.23	1.09	0.85	44.3	21.4	7.2	75	8.0	78
ACALA SJ-1	4.43	1.05	0.81	42.8	20.4	7.1	74	8.3	77
DELTAPINE 16	3.88	0.99	0.73	37.2	18.5	9.7	76	7.8	75
ACALA4-42-1958E	4.28	1.04	0.82	41.5	21.9	7.2	76	8.0	80
ACALA 4-42	4.24	1.03	0.79	41.6	21.8	7.3	75	7.8	77
POND, CAL.									
ACALA SJ-1	4.33	1.13	0.88	44.3	23.4	7.1	78	8.0	79
ACALA4-42-1958E	4.14	1.11	0.92	42.1	22.2	7.7	78	8.5	83
DELTAPINE 16	4.00	1.09	0.85	34.8	19.3	9.4	80	8.0	78
S155	4.15	1.16	0.93	41.9	22.2	7.0	76	8.3	80
ACALA 4-42	4.18	1.15	0.94	40.5	22.5	8.0	78	8.0	82

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
DOS PALOS, CAL.									
ACALA4-42-1958E	1076	A	9.25	49	37.7	14.0	.50	1.08	138
ACALA SJ-1	1011	AB	8.55	53	35.6	14.1	.52	1.14	135
ACALA 4-42	1001	AB	9.33	49	38.8	14.5	.52	1.12	136
S155	982	B	7.96	57	34.7	13.6	.51	1.15	140
COKER 201	829	C	8.55	53	35.7	14.1	.42	1.02	107
DELTAPINE 16	812	CD	6.43	71	35.5	11.6	.43	1.08	115
PAYMASTER 111	747	D	7.93	58	35.3	12.3	.44	1.04	118
KERN LAKE, CAL.									
ACALA 4-42	1099	A	8.60	53	37.8	14.3	.50	1.13	139
S155	1073	A	7.19	63	34.3	14.1	.49	1.13	122
ACALA SJ-1	1058	A	7.76	59	34.4	14.0	.51	1.14	142
ACALA4-42-1958E	1056	A	8.63	53	37.5	14.3	.50	1.09	139
DELTAPINE 16	915	B	6.09	75	37.7	10.9	.46	1.09	110
COKER 201	839	B	6.17	74	38.5	11.5	.44	1.03	109
PAYMASTER 111	750	C	7.79	58	35.1	12.8	.45	1.02	115
TULARE, CAL.									
ACALA4-42-1958E	753	A	8.47	54	37.2	14.7	.48	1.07	138
ACALA 4-42	742	A	7.88	58	37.4	14.1	.47	1.08	135
S155	717	AB	7.48	61	34.2	14.9	.51	1.15	141
DELTAPINE 16	671	AB	5.60	82	35.1	10.9	.44	1.08	118
ACALA SJ-1	641	B	7.63	60	34.9	14.1	.47	1.10	128
COKER 201	540	C	5.51	83	38.5	11.1	.44	1.06	110
PAYMASTER 111	467	C	7.56	60	35.4	12.8	.45	1.03	116
COALINGA, CAL.									
COKER 201	1445	A	7.24	63	37.9	11.7	.48	1.08	115
DELTAPINE 16	1398	AB	6.61	69	37.5	11.3	.48	1.13	113
ACALA SJ-1	1358	B	8.60	53	35.7	14.0	.50	1.11	142
ACALA4-42-1958E	1273	C	9.03	51	38.3	13.9	.50	1.09	139
ACALA 4-42	1255	C	9.15	50	38.9	13.7	.50	1.10	138
S155	1211	C	8.38	54	34.7	13.6	.51	1.16	139
PAYMASTER 111	1122	D	7.69	59	34.7	12.2	.46	1.04	117

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
DOS PALOS, CAL.									
ACALA4-42-1958E	4.49	1.08	0.91	38.2	21.0	6.7	70	7.5	85
ACALA SJ-1	4.38	1.10	0.92	43.4	21.1	6.7	67	7.8	84
ACALA 4-42	4.36	1.09	0.91	38.3	21.0	7.1	69	7.5	84
S155	4.35	1.13	0.90	47.4	22.3	6.0	68	7.5	80
COKER 201	3.70	1.00	0.80	37.1	17.2	6.8	72	7.0	80
DELTAPINE 16	3.48	1.06	0.85	36.6	18.0	8.8	74	7.5	80
PAYMASTER 111	4.03	1.01	0.80	37.3	17.6	7.2	73	7.5	80
KERN LAKE, CAL.									
ACALA 4-42	4.23	1.10	0.92	39.7	21.2	8.3	77	8.5	84
S155	4.31	1.09	0.88	40.5	21.6	7.2	76	8.8	81
ACALA SJ-1	4.35	1.12	0.93	44.8	22.7	6.9	76	8.5	83
ACALA4-42-1958E	4.30	1.09	0.92	40.2	21.3	7.6	77	8.5	84
DELTAPINE 16	4.05	1.03	0.83	35.4	18.0	9.4	79	8.5	80
COKER 201	4.10	1.00	0.79	39.4	17.8	7.1	77	8.8	79
PAYMASTER 111	4.42	1.00	0.81	40.3	18.4	7.5	75	8.5	81
TULARE, CAL.									
ACALA4-42-1958E	3.95	1.07	0.89	40.6	21.2	7.2	77	7.8	83
ACALA 4-42	4.03	1.09	0.91	43.0	20.8	7.5	77	8.0	84
S155	4.15	1.14	0.95	40.8	22.0	6.9	77	8.0	83
DELTAPINE 16	3.43	1.04	0.81	38.3	19.3	9.4	77	7.8	78
ACALA SJ-1	3.95	1.08	0.86	40.0	21.5	7.1	74	7.8	80
COKER 201	3.63	1.01	0.81	40.0	18.3	7.2	77	8.0	80
PAYMASTER 111	4.00	0.99	0.80	41.3	18.6	7.2	74	8.0	81
COALINGA, CAL.									
COKER 201	4.38	1.09	0.90	34.8	17.7	7.4	79	7.8	83
DELTAPINE 16	4.13	1.09	0.87	30.9	17.9	9.3	80	7.3	80
ACALA SJ-1	4.58	1.15	0.97	40.2	21.6	7.3	79	8.0	84
ACALA4-42-1958E	4.18	1.11	0.95	38.5	20.1	7.9	78	7.8	86
ACALA 4-42	4.15	1.12	0.93	38.8	20.9	8.1	79	7.8	83
S155	4.40	1.19	1.01	38.1	21.4	7.2	78	7.8	85
PAYMASTER 111	4.08	1.03	0.84	34.8	17.2	7.7	77	7.5	82

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. PER ACRE	LINT	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
LA. DASS-197	932	A	5.60	82	38.8	11.1	.52	1.14	130
COKER 310-9901	915	A	5.48	85	38.4	11.2	.55	1.23	131
COKER 201	887	AB	5.91	78	38.3	11.4	.52	1.12	122
DELTAPINE 607	881	AB	5.60	82	36.2	10.7	.53	1.14	132
COKER 421B	837	BC	5.44	85	37.6	11.1	.54	1.17	137
PEE DEE 6520	830	BCD	5.65	81	36.5	11.6	.52	1.11	132
MO. 63-277E	828	BCDE	6.55	70	35.8	12.8	.55	1.20	135
MO. 63-079	825	BCDE	6.58	70	34.9	13.3	.54	1.17	133
COKER 413-8913	815	BCDE	5.70	80	35.3	11.4	.54	1.19	138
DELTAPINE 5826	808	BCDEF	5.44	84	36.2	11.9	.56	1.15	136
MO. 63-279D	794	CDEF	6.08	76	34.7	12.2	.55	1.18	138
PEE DEE 6162	781	CDEFG	5.70	81	36.7	12.5	.54	1.14	134
ATLAS 66-182	768	CDEFG	6.48	71	35.7	12.6	.51	1.11	135
ATLAS 66-155	767	CDEFG	6.19	74	36.3	12.7	.51	1.09	139
PEE DEE 4381B	765	CDEFG	5.54	83	35.7	11.9	.53	1.15	135
MCNAIR 7215	746	DEFG	6.11	76	34.1	12.6	.53	1.13	128
BOBSHAW 54	743	EFG	6.00	76	32.2	12.0	.55	1.19	134
LA. DSI-65-42	730	FG	6.09	75	36.9	12.2	.54	1.14	146
ATLAS 66-146	709	GH	5.59	82	36.1	12.8	.53	1.13	137
ACALA SJ-1	646	H	6.45	72	34.9	13.9	.54	1.15	140

SUBREGIONAL SUMMARY COMBINING COLLEGE STATION, ST JOSEPH, STONEVILLE, PORTAGEVILLE, JACKSON AND KELSO

LA. DASS-197	1019	A	5.32	87	38.4	11.1	.51	1.13	128
COKER 310-9901	941	AB	5.03	92	37.8	11.5	.54	1.22	132
DELTAPINE 607	922	BC	5.35	85	35.7	10.7	.52	1.14	131
DELTAPINE 5826	902	BCD	5.21	88	36.1	11.9	.56	1.15	139
COKER 201	893	BCD	5.47	84	37.6	11.6	.50	1.12	123
MO. 63-277E	872	BCDE	6.19	75	35.1	12.8	.54	1.19	136
COKER 421B	859	BCDEF	5.14	89	36.7	11.5	.53	1.17	140
COKER 413-8913	844	BCDEF	5.42	85	34.0	11.6	.53	1.19	140
PEE DEE 6520	843	BCDEF	5.39	85	36.1	11.7	.51	1.10	134
MO. 63-079	831	CDEF	6.19	75	34.2	13.1	.52	1.16	136
LA. DSI-65-42	815	DEFG	5.82	79	36.7	12.4	.53	1.14	148
PEE DEE 6162	810	DEFG	5.44	85	36.7	12.6	.54	1.14	137
MO. 63-279D	805	DEFG	5.68	82	34.1	11.9	.53	1.17	138
ATLAS 66-155	784	EFGH	5.78	79	35.9	12.7	.50	1.09	140
BOBSHAW 54	782	EFGH	5.67	81	31.6	12.0	.54	1.19	134
ATLAS 66-182	766	EFGH	6.04	76	35.3	12.4	.49	1.10	133
PEE DEE 4381B	760	FGH	5.27	88	34.9	12.0	.53	1.16	138
ATLAS 66-146	713	GH	5.33	86	35.5	12.8	.53	1.13	138
MCNAIR 7215	695	H	5.59	83	33.2	12.7	.53	1.13	129
ACALA SJ-1	686	H	6.05	77	34.9	13.8	.54	1.15	143

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
LA. DASS-197	4.67	1.12	0.91	41.6	20.1	7.0	76	8.3	81
COKER 310-9901	4.50	1.22	0.98	37.0	20.0	8.1	74	8.4	80
COKER 201	4.66	1.13	0.92	36.6	18.9	7.5	75	8.5	82
DELTAPINE 607	4.58	1.15	0.94	39.1	20.1	7.9	76	8.0	82
COKER 421B	4.48	1.16	0.95	39.4	20.5	6.9	74	8.5	82
PEE DEE 6520	4.48	1.10	0.90	40.5	20.8	7.2	75	8.1	82
MO. 63-277E	3.99	1.20	0.99	35.7	20.3	9.7	73	8.9	83
MO. 63-079	4.18	1.17	0.97	36.6	20.3	8.9	74	8.6	82
COKER 413-8913	4.08	1.18	0.97	39.6	20.3	7.2	74	8.3	82
DELTAPINE 5826	4.59	1.14	0.97	37.9	20.2	7.9	75	8.4	85
MO. 63-279D	4.17	1.17	0.97	38.7	20.5	7.6	74	8.5	83
PEE DEE 6162	4.75	1.14	0.95	39.8	21.4	7.3	73	8.7	83
ATLAS 66-182	4.33	1.09	0.89	42.8	21.5	7.2	74	8.4	81
ATLAS 66-155	4.56	1.09	0.90	42.2	22.3	7.2	73	8.6	83
PEE DEE 4381B	4.10	1.14	0.94	38.6	20.5	7.7	74	8.4	82
MCNAIR 7215	4.58	1.14	0.95	38.1	19.8	7.7	74	8.0	83
BOBSHAW 54	4.49	1.20	0.98	39.6	21.0	7.4	74	8.1	82
LA. DSI-65-42	4.34	1.15	0.97	42.7	23.1	7.4	74	8.6	84
ATLAS 66-146	4.47	1.13	0.94	42.0	21.9	6.9	74	8.1	83
ACALA SJ-1	4.43	1.15	0.97	40.0	21.9	7.7	74	8.5	84

SUBREGIONAL SUMMARY COMBINING COLLEGE STATION, ST JOSEPH, STONEVILLE, PORTAGEVILLE, JACKSON AND KELSO

LA. DASS-197	4.76	1.11	0.89	43.5	20.3	6.6	75	7.8	80
COKER 310-9901	4.55	1.21	0.97	38.5	20.6	8.0	72	8.2	80
DELTAPINE 607	4.74	1.13	0.93	41.3	20.4	7.5	76	7.7	82
DELTAPINE 5826	4.81	1.15	0.97	40.3	21.1	7.3	74	8.1	85
COKER 201	4.78	1.11	0.90	38.9	19.7	7.3	73	8.2	81
MO. 63-277E	4.10	1.18	0.97	37.7	21.1	9.4	72	8.8	82
COKER 421B	4.56	1.16	0.94	41.2	21.2	6.7	73	8.2	81
COKER 413-8913	4.10	1.18	0.96	42.1	21.0	6.9	74	8.0	81
PEE DEE 6520	4.54	1.09	0.89	42.3	21.4	7.0	74	7.8	82
MO. 63-079	4.20	1.16	0.95	38.6	21.1	8.6	73	8.3	82
LA. DSI-65-42	4.50	1.15	0.96	44.7	24.3	7.1	73	8.3	83
PEE DEE 6162	4.90	1.14	0.95	42.0	22.4	7.0	72	8.6	83
MO. 63-279D	4.19	1.15	0.94	40.8	21.0	7.2	74	8.2	82
ATLAS 66-155	4.61	1.07	0.89	44.3	23.0	7.1	72	8.3	83
BOBSHAW 54	4.66	1.19	0.95	41.9	21.3	7.0	73	7.8	80
ATLAS 66-182	4.34	1.08	0.86	45.2	21.8	7.0	73	8.1	80
PEE DEE 4381B	4.14	1.14	0.94	41.1	21.3	7.4	74	8.2	82
ATLAS 66-146	4.54	1.12	0.93	44.1	22.7	6.8	73	7.8	82
MCNAIR 7215	4.61	1.12	0.92	40.3	20.9	7.4	73	8.0	82
ACALA SJ-1	4.65	1.14	0.95	42.5	22.6	7.4	73	8.3	83

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND BELLE MINA

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
COKER 310-9901	883	A	6.01	76	39.1	10.8	.55	1.23	130
COKER 201	879	A	6.44	71	39.1	11.2	.53	1.13	120
DELTAPINE 607	831	AB	5.91	77	36.7	10.6	.54	1.15	133
LA. DASS-197	829	AB	5.94	77	39.3	11.1	.54	1.14	132
MO. 63-079	816	ABC	7.06	65	35.7	13.4	.56	1.18	130
PEE DEE 6520	816	ABC	5.96	77	37.1	11.5	.53	1.12	130
COKER 421B	810	ABC	5.79	79	38.7	10.7	.54	1.16	133
MCNAIR 7215	807	ABC	6.74	68	35.2	12.5	.53	1.13	127
MO. 63-279D	781	ABC	6.56	69	35.4	12.5	.56	1.18	139
COKER 413-8913	780	ABC	6.05	75	36.8	11.2	.55	1.19	134
MO. 63-277E	776	ABC	6.98	65	36.7	12.7	.56	1.21	134
PEE DEE 4381B	772	ABC	5.87	78	36.7	11.7	.53	1.14	132
ATLAS 66-182	770	ABC	7.00	65	36.1	12.8	.53	1.12	137
ATLAS 66-155	746	BC	6.67	69	36.6	12.7	.53	1.09	138
PEE DEE 6162	746	BC	6.02	76	36.6	12.3	.55	1.15	131
ATLAS 66-146	705	CD	5.91	78	36.8	12.8	.52	1.12	135
BOBSHAW 54	696	CD	6.41	71	32.9	12.0	.56	1.19	135
DELTAPINE 5826	696	CD	5.72	80	36.3	11.8	.56	1.15	131
LA. DSI-65-42	628	D	6.41	71	37.2	12.1	.55	1.15	143
ACALA SJ-1	598	D	6.93	66	34.8	13.9	.55	1.16	136

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ST JOSEPH, LA.	1203	A	5.68	80	34.5	13.0	.58	1.22	146
ROCKY MT., N.C.	1078	B	6.11	75	36.0	11.4	.54	1.15	132
KELSO, ARK.	922	C	5.67	80	37.5	13.1	.52	1.15	131
PORT'VILLE, MO.	854	D	6.02	76	36.0	11.9	.51	1.16	124
EXPERIMENT, GA.	837	D	6.65	69	38.2	11.7	.55	1.14	130
COL. STA., TEX.	709	E	4.51	102	33.7	11.8	.52	1.12	136
FLORENCE, S.C.	702	E	6.30	73	35.2	13.0	.54	1.18	131
ST'VILLE, MISS.	673	E	5.39	85	34.3	11.6	.50	1.14	142
BELLA MINA, ALA.	617	F	5.68	80	37.3	11.6	.52	1.12	139
TIFTON, GA.	607	F	6.85	67	36.7	12.4	.57	1.19	134
JACKSON, TENN.	601	F	6.14	74	37.2	11.4	.52	1.10	136

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT AND BELLE MINA

VARIETIES COMBINING LOCATIONS

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
COKER 310-9901	4.43	1.23	1.00	35.3	19.2	8.2	76	8.6	81
COKER 201	4.51	1.14	0.95	33.8	18.0	7.8	76	8.8	83
DELTAPINE 607	4.38	1.16	0.96	36.4	19.6	8.3	77	8.4	83
LA. DASS-197	4.55	1.14	0.94	39.4	19.8	7.4	77	8.8	82
MO. 63-079	4.15	1.18	0.99	34.3	19.5	9.4	74	9.1	84
PEE DEE 6520	4.42	1.12	0.91	38.3	20.0	7.4	77	8.5	81
COKER 421B	4.37	1.17	0.96	37.3	19.7	7.1	75	8.8	82
MCNAIR 7215	4.54	1.15	0.98	35.4	18.5	8.1	75	8.0	85
MO. 63-279D	4.14	1.19	1.00	36.1	19.9	8.0	75	8.8	84
COKER 413-8913	4.06	1.19	0.98	36.6	19.4	7.5	75	8.8	83
MO. 63-277E	3.86	1.22	1.01	33.2	19.3	10.1	75	9.1	83
PEE DEE 4381B	4.05	1.14	0.93	35.6	19.4	8.0	75	8.8	82
ATLAS 66-182	4.31	1.11	0.93	39.8	21.2	7.4	75	8.8	83
ATLAS 66-155	4.49	1.10	0.92	39.7	21.5	7.4	74	9.0	83
PEE DEE 6162	4.57	1.15	0.96	37.1	20.2	7.6	74	8.8	84
ATLAS 66-146	4.39	1.13	0.95	39.4	20.9	6.9	75	8.5	84
BOBSHAW 54	4.29	1.21	1.02	36.9	20.5	7.9	76	8.5	84
DELTAPINE 5826	4.34	1.14	0.97	35.0	19.1	8.7	76	8.8	85
LA. DSI-65-42	4.15	1.16	0.98	40.1	21.8	7.9	76	8.9	85
ACALA SJ-1	4.18	1.16	0.99	37.0	21.1	8.0	76	8.8	85

LOCATIONS COMBINING VARIETIES

LOCATION	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
ST JOSEPH, LA.	4.40	1.23	1.06	40.4	21.6	7.4	77	8.5	86
ROCKY MT., N.C.	3.82	1.15	0.93	34.3	19.0	8.7	76	8.7	81
KELSO, ARK.	4.87	1.14	0.94	41.8	21.1	7.2	74	8.0	82
PORT'VILLE, MO.	4.29	1.14	0.90	38.4	20.3	7.9	69	8.1	79
EXPERIMENT, GA.	4.13	1.14	0.97	35.3	19.4	8.1	74	8.8	85
COL. STA., TEX.	4.38	1.10	0.89	42.4	21.8	6.5	68	7.6	81
FLORENCE, S.C.	4.44	1.18	0.98	34.7	19.0	8.4	78	8.8	83
ST'VILLE, MISS.	4.09	1.12	0.90	43.5	22.2	7.4	77	8.2	80
BELLA MINA,ALA.	4.49	1.13	0.93	42.8	22.2	7.4	73	8.7	83
TIFTON, GA.	4.67	1.21	1.02	37.1	20.2	7.1	77	8.7	85
JACKSON, TENN.	5.05	1.10	0.92	42.9	21.8	7.6	75	8.3	83

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL

MO. 63-079	6.58	A
MO. 63-277E	6.55	A
ATLAS 66-182	6.48	A
ACALA SJ-1	6.45	A
ATLAS 66-155	6.19	B
MCNAIR 7215	6.11	BC
LA. DSI-65-42	6.09	BC
MO. 63-279D	6.08	BC
BOBSHAW 54	6.00	BC
COKER 201	5.91	CD
PEE DEE 6162	5.70	DE
COKER 413-8913	5.70	DE
PEE DEE 6520	5.65	EF
DELTAPINE 607	5.60	EF
LA. DASS-197	5.60	EF
ATLAS 66-146	5.59	EF
PEE DEE 4381B	5.54	EF
COKER 310-9901	5.48	EF
DELTAPINE 5826	5.44	F
COKER 421B	5.44	F

BOLL SIZE, NO. PER LB.

COKER 310-9901	85	A
COKER 421B	85	A
DELTAPINE 5826	84	AB
PEE DEE 4381B	83	ABC
LA. DASS-197	82	ABC
ATLAS 66-146	82	ABC
DELTAPINE 607	82	ABC
PEE DEE 6520	81	BCD
PEE DEE 6162	81	BCD
COKER 413-8913	80	CD
COKER 201	78	DE
BOBSHAW 54	76	EF
MO. 63-279D	76	EF
MCNAIR 7215	76	EF
LA. DSI-65-42	75	EFG
ATLAS 66-155	74	FGH
ACALA SJ-1	72	GHI
ATLAS 66-182	71	HI
MO. 63-079	70	I
MO. 63-277E	70	I

LINT PCT.

LA. DASS-197	38.8	A
COKER 310-9901	38.4	A
COKER 201	38.3	AB
COKER 421B	37.6	BC
LA. DSI-65-42	36.9	CD
PEE DEE 6162	36.7	D
PEE DEE 6520	36.5	DE
ATLAS 66-155	36.3	DE
DELTAPINE 607	36.2	DE
DELTAPINE 5826	36.2	DE
ATLAS 66-146	36.1	DEF
MO. 63-277E	35.8	EF
PEE DEE 4381B	35.7	EFG
ATLAS 66-182	35.7	EFG
COKER 413-8913	35.3	FGH
ACALA SJ-1	34.9	GHI
MO. 63-079	34.9	GHI
MO. 63-279D	34.7	HI
MCNAIR 7215	34.1	I
BOBSHAW 54	32.2	I

SEED INDEX

ACALA SJ-1	13.9	A
MO. 63-079	13.3	B
MO. 63-277E	12.8	C
ATLAS 66-146	12.8	C
ATLAS 66-155	12.7	C
ATLAS 66-182	12.6	CD
MCNAIR 7215	12.6	CD
PEE DEE 6162	12.5	CD
MO. 63-279D	12.2	DE
LA. DSI-65-42	12.2	DE
BOBSHAW 54	12.0	EF
DELTAPINE 5826	11.9	EF
PEE DEE 4381B	11.9	EF
PEE DEE 6520	11.6	FG
COKER 413-8913	11.4	GH
COKER 201	11.4	GH
COKER 310-9901	11.2	GH
LA. DASS-197	11.1	HI
COKER 421B	11.1	HI
DELTAPINE 607	10.7	I

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.

DELTAPINE 5826	0.56	A
MO. 63-279D	0.55	AB
COKER 310-9901	0.55	AB
BOBSHAW 54	0.55	AB
MO. 63-277E	0.55	AB
MO. 63-079	0.54	BC
COKER 413-8913	0.54	BC
COKER 421B	0.54	BC
LA. DSI-65-42	0.54	BC
ACALA SJ-1	0.54	BC
PEE DEE 6162	0.54	BC
ATLAS 66-146	0.53	CD
DELTAPINE 607	0.53	CD
MCNAIR 7215	0.53	CD
PEE DEE 4381B	0.53	CD
PEE DEE 6520	0.52	DE
LA. DASS-197	0.52	DE
COKER 201	0.52	DE
ATLAS 66-182	0.51	E
ATLAS 66-155	0.51	E

SPAN LENGTH, 2.5 PCT.

COKER 310-9901	1.23	A
MO. 63-277E	1.20	B
BOBSHAW 54	1.19	BC
COKER 413-8913	1.19	BC
MO. 63-279D	1.18	CD
COKER 421B	1.17	D
MO. 63-079	1.17	D
PEE DEE 4381B	1.15	E
DELTAPINE 5826	1.15	E
ACALA SJ-1	1.15	E
PEE DEE 6162	1.14	E
DELTAPINE 607	1.14	E
LA. DSI-65-42	1.14	E
LA. DASS-197	1.14	E
MCNAIR 7215	1.13	EF
ATLAS 66-146	1.13	EF
COKER 201	1.12	FG
PEE DEE 6520	1.11	G
ATLAS 66-182	1.11	G
ATLAS 66-155	1.09	H

22'S

LA. DSI-65-42	146	A
ACALA SJ-1	140	B
ATLAS 66-155	139	BC
MO. 63-279D	138	BCD
COKER 413-8913	138	BCD
COKER 421B	137	BCDE
ATLAS 66-146	137	BCDE
DELTAPINE 5826	136	BCDEF
ATLAS 66-182	135	CDEFG
MO. 63-277E	135	CDEFG
PEE DEE 4381B	135	CDEFG
BOBSHAW 54	134	DEFGH
PEE DEE 6162	134	DEFGH
MO. 63-079	133	EFGH
PEE DEE 6520	132	FGHI
DELTAPINE 607	132	FGHI
COKER 310-9901	131	GHI
LA. DASS-197	130	HI
MCNAIR 7215	128	I
COKER 201	122	J

MICRONAIRE

PEE DEE 6162	4.75	A
LA. DASS-197	4.67	AB
COKER 201	4.66	AB
DELTAPINE 5826	4.59	BC
DELTAPINE 607	4.58	BC
MCNAIR 7215	4.58	BC
ATLAS 66-155	4.56	BC
COKER 310-9901	4.50	C
BOBSHAW 54	4.49	CD
COKER 421B	4.48	CDE
PEE DEE 6520	4.48	CDE
ATLAS 66-146	4.47	CDE
ACALA SJ-1	4.43	CDE
LA. DSI-65-42	4.34	DE
ATLAS 66-182	4.33	E
MO. 63-079	4.18	F
MO. 63-279D	4.17	F
PEE DEE 4381B	4.10	FG
COKER 413-8913	4.08	FG
MO. 63-277E	3.99	G

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

DRAWING SLIVER, UHM

COKER 310-9901	1.22	A
BOBSHAW 54	1.20	B
MO. 63-277E	1.20	B
COKER 413-8913	1.18	BC
MO. 63-279D	1.17	CD
MO. 63-079	1.17	CD
COKER 421B	1.16	CDE
DELTAPINE 607	1.15	DEF
ACALA SJ-1	1.15	DEF
LA. DSI-65-42	1.15	DEF
MCNAIR 7215	1.14	EFG
PEE DEE 4381B	1.14	EFG
DELTAPINE 5826	1.14	EFG
PEE DEE 6162	1.14	EFG
ATLAS 66-146	1.13	FG
COKER 201	1.13	FG
LA. DASS-197	1.12	G
PEE DEE 6520	1.10	H
ATLAS 66-155	1.09	H
ATLAS 66-182	1.09	H

DRAWING SLIVER, MEAN

MO. 63-277E	0.99	A
COKER 310-9901	0.98	AB
BOBSHAW 54	0.98	AB
MO. 63-279D	0.97	ABC
COKER 413-8913	0.97	ABC
ACALA SJ-1	0.97	ABC
DELTAPINE 5826	0.97	ABC
MO. 63-079	0.97	ABC
LA. DSI-65-42	0.97	ABC
MCNAIR 7215	0.95	BCD
PEE DEE 6162	0.95	BCD
COKER 421B	0.95	BCD
DELTAPINE 607	0.94	CD
ATLAS 66-146	0.94	CD
PEE DEE 4381B	0.94	CD
COKER 201	0.92	DE
LA. DASS-197	0.91	EF
ATLAS 66-155	0.90	FF
PEE DEE 6520	0.90	EF
ATLAS 66-182	0.89	F

UNIFORMITY RATIO

DELTAPINE 5826	85	A
ACALA SJ-1	84	AB
LA. DSI-65-42	84	AB
MCNAIR 7215	83	BC
MO. 63-277E	83	BC
ATLAS 66-155	83	BC
ATLAS 66-146	83	BC
MO. 63-279D	83	BC
PEE DEE 6162	83	BC
PEE DEE 6520	82	CD
COKER 201	82	CD
BOBSHAW 54	82	CD
DELTAPINE 607	82	CD
COKER 421B	82	CD
COKER 413-8913	82	CD
MO. 63-079	82	CD
PEE DEE 4381B	82	CD
LA. DASS-197	81	DE
ATLAS 66-182	81	DE
COKER 310-9901	80	E

STELOMETER - TO

ATLAS 66-182	42.8	A
LA. DSI-65-42	42.7	AB
ATLAS 66-155	42.2	AB
ATLAS 66-146	42.0	AB
LA. DASS-197	41.6	B
PEE DEE 6520	40.5	C
ACALA SJ-1	40.0	CD
PEE DEE 6162	39.8	CDE
BOBSHAW 54	39.6	CDE
COKER 413-8913	39.6	CDE
COKER 421B	39.4	CDE
DELTAPINE 607	39.1	DEF
MO. 63-279D	38.7	EFG
PEE DEE 4381B	38.6	EFG
MCNAIR 7215	38.1	FGH
DELTAPINE 5826	37.9	GH
COKER 310-9901	37.0	HI
COKER 201	36.6	IJ
MO. 63-079	36.6	IJ
MO. 63-277E	35.7	J

STELOMETER - T1

LA. DSI-65-42	23.1	A
ATLAS 66-155	22.3	B
ACALA SJ-1	21.9	BC
ATLAS 66-146	21.9	BC
ATLAS 66-182	21.5	CD
PEE DEE 6162	21.4	CDE
BOBSHAW 54	21.0	DEF
PEE DEE 6520	20.8	EFG
COKER 421B	20.5	FGH
MO. 63-279D	20.5	FGH
PEE DEE 4381B	20.5	FGH
MO. 63-277E	20.3	GH
MO. 63-079	20.3	GH
COKER 413-8913	20.3	GH
DELTAPINE 5826	20.2	GH
DELTAPINE 607	20.1	H
LA. DASS-197	20.1	H
COKER 310-9901	20.0	H
MCNAIR 7215	19.8	H
COKER 201	18.9	I

STELOMETER - E1

MO. 63-277E	9.7	A
MO. 63-079	8.9	B
COKER 310-9901	8.1	C
DELTAPINE 5826	7.9	CD
DELTAPINE 607	7.9	CD
ACALA SJ-1	7.7	DE
MCNAIR 7215	7.7	DE
PEE DEE 4381B	7.7	DE
MO. 63-279D	7.6	DEF
COKER 201	7.5	EFG
LA. DSI-65-42	7.4	EFG
BOBSHAW 54	7.4	EFG
PEE DEE 6162	7.3	FGH
ATLAS 66-182	7.2	GHI
COKER 413-8913	7.2	GHI
ATLAS 66-155	7.2	GHI
PEE DEE 6520	7.2	GHI
LA. DASS-197	7.0	HI
COKER 421B	6.9	I
ATLAS 66-146	6.9	I

COLORIMETER -RD

LA. DASS-197	76	A
DELTAPINE 607	76	A
PEE DEE 6520	75	B
COKER 201	75	B
DELTAPINE 5826	75	B
ATLAS 66-182	74	C
ACALA SJ-1	74	C
MO. 63-279D	74	C
ATLAS 66-146	74	C
COKER 413-8913	74	C
MCNAIR 7215	74	C
COKER 421B	74	C
COKER 310-9901	74	C
LA. DSI-65-42	74	C
BOBSHAW 54	74	C
PEE DEE 4381B	74	C
MO. 63-079	74	C
ATLAS 66-155	73	C
MO. 63-277E	73	C
PEE DEE 6162	73	C

COLORIMETER -B

MO. 63-277E	8.9	A
PEE DEE 6162	8.7	AB
ATLAS 66-155	8.6	BC
LA. DSI-65-42	8.6	BC
MO. 63-079	8.6	BC
COKER 421B	8.5	BCD
ACALA SJ-1	8.5	BCD
MO. 63-279D	8.5	BCD
COKER 201	8.5	BCD
DELTAPINE 5826	8.4	CDE
ATLAS 66-182	8.4	CDE
COKER 310-9901	8.4	CDE
PEE DEE 4381B	8.4	CDE.
COKER 413-8913	8.3	DEF
LA. DASS-197	8.2	EFG
BOBSHAW 54	8.1	FG
PEE DEE 6520	8.1	FG
ATLAS 66-146	8.1	FG
DELTAPINE 607	8.0	G
MCNAIR 7215	8.0	G

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
STONEVILLE, MISS.									
LA. DASS-197	874	A	5.15	88	37.2	10.8	.51	1.17	135
LA. DSI-65-42	847	AB	5.47	83	36.0	11.4	.50	1.15	160
COKER 310-9901	738	BC	4.98	91	36.0	10.8	.50	1.22	135
PEE DEE 6520	733	BC	5.39	85	35.6	11.0	.48	1.06	138
DELTAPINE 607	729	BC	5.13	89	34.4	10.2	.48	1.11	133
DELTAPINE 5826	728	BC	5.07	90	35.9	11.2	.51	1.13	148
MO. 63-277E	711	BCD	5.98	77	33.3	12.8	.50	1.19	148
MO. 63-079	703	BCD	6.58	69	33.1	13.1	.53	1.19	148
COKER 201	699	CD	5.22	87	36.0	11.1	.51	1.13	132
PEE DEE 4381B	693	CD	5.15	89	32.4	11.8	.49	1.13	139
PEE DEE 6162	681	CD	5.25	87	36.4	11.2	.51	1.12	138
BOBSHAW 54	666	CDE	5.59	81	30.2	12.1	.50	1.19	145
COKER 413-8913	660	CDE	5.71	80	31.3	11.0	.51	1.17	144
ATLAS 66-155	643	CDE	5.34	85	36.2	11.5	.48	1.05	140
ATLAS 66-182	615	CDE	6.04	75	33.9	12.4	.45	1.08	141
MO. 63-279D	611	CDE	5.46	83	34.1	11.0	.49	1.15	142
COKER 421B	594	CDE	4.69	97	33.4	11.1	.52	1.19	152
ATLAS 66-146	569	DEF	4.79	95	34.8	11.5	.50	1.09	135
ACALA SJ-1	523	EF	5.40	84	34.5	13.7	.53	1.13	154
MCNAIR 7215	450	F	5.35	85	30.9	12.2	.52	1.15	136
COLLEGE STATION, TEX.									
LA. DASS-197	972	A	4.05	112	38.6	10.1	.49	1.08	123
LA. DSI-65-42	879	AB	5.14	90	35.5	12.4	.50	1.11	150
DELTAPINE 5826	843	AB	4.37	104	35.2	11.1	.55	1.12	141
COKER 201	836	AB	4.66	98	36.7	11.4	.49	1.07	128
DELTAPINE 607	830	AB	4.71	97	35.2	10.2	.50	1.12	126
ATLAS 66-155	815	AB	4.90	93	33.3	12.2	.49	1.05	142
COKER 310-9901	801	AB	3.72	122	36.8	11.2	.52	1.17	127
ATLAS 66-182	750	BC	4.92	93	33.1	11.2	.50	1.09	132
PEE DEE 6520	749	BC	4.52	101	35.1	11.9	.50	1.05	130
MO. 63-279D	747	BC	4.16	109	31.8	11.4	.52	1.13	133
COKER 421B	743	BC	4.27	107	34.7	11.7	.53	1.14	140
BOBSHAW 54	734	BCD	4.78	95	30.0	11.8	.54	1.17	135
MO. 63-079	698	BCD	5.09	92	31.7	12.6	.53	1.14	138
COKER 413-8913	697	BCD	4.34	105	31.3	12.0	.53	1.16	137
MO. 63-277E	594	CDE	4.89	93	32.3	11.9	.53	1.16	141
MCNAIR 7215	578	CDE	4.22	109	31.6	12.5	.51	1.08	137
PEE DEE 6162	546	DE	4.37	105	34.7	12.8	.52	1.10	139
ATLAS 66-146	478	E	4.28	106	32.6	12.0	.53	1.13	143
PEE DEE 4381B	450	E	4.03	113	33.4	10.7	.50	1.12	138
ACALA SJ-1	436	E	4.78	97	30.4	13.7	.53	1.13	139

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
STONEVILLE, MISS.									
LA. DASS-197	4.36	1.10	0.84	46.5	21.0	6.6	77	8.3	77
LA. DSI-65-42	4.05	1.14	0.94	48.0	26.0	6.8	77	8.0	83
COKER 310-9901	4.11	1.15	0.88	39.5	20.9	8.3	76	8.5	77
PEE DEE 6520	4.24	1.04	0.84	39.4	21.6	6.8	79	8.0	81
DELTAPINE 607	4.23	1.08	0.85	43.9	21.2	7.2	78	7.8	79
DELTAPINE 5826	4.45	1.09	0.89	44.0	21.9	7.1	78	8.0	82
MO. 63-277E	3.63	1.19	0.97	39.8	22.4	9.5	75	8.5	82
MO. 63-079	3.83	1.15	0.92	41.4	22.3	8.3	77	8.3	80
COKER 201	4.23	1.13	0.95	41.4	21.2	7.6	78	8.5	84
PEE DEE 4381B	3.79	1.10	0.87	39.7	21.6	7.5	76	8.0	79
PEE DEE 6162	4.40	1.09	0.88	44.4	22.8	7.3	75	9.0	81
BOBSHAW 54	4.45	1.21	0.95	43.4	22.2	6.9	76	7.8	79
COKER 413-8913	3.46	1.14	0.88	44.6	21.7	6.9	77	8.0	77
ATLAS 66-155	4.15	1.03	0.85	47.1	22.9	7.2	76	8.5	83
ATLAS 66-182	4.14	1.07	0.86	47.2	22.4	7.2	77	8.3	81
MO. 63-279D	3.75	1.11	0.86	42.0	20.6	7.2	77	8.3	78
COKER 421B	3.91	1.15	0.91	41.1	22.0	6.8	77	8.3	79
ATLAS 66-146	4.21	1.07	0.87	47.8	23.4	7.3	77	8.3	82
ACALA SJ-1	4.36	1.14	0.98	46.6	24.3	7.1	77	8.5	86
MCNAIR 7215	4.10	1.11	0.89	40.8	20.7	7.4	77	8.0	80
COLLEGE STATION, TEX.									
LA. DASS-197	4.83	1.06	0.85	42.3	20.2	6.3	69	7.3	81
LA. DSI-65-42	4.40	1.11	0.92	45.4	25.8	6.6	70	8.0	83
DELTAPINE 5826	4.88	1.12	0.96	41.4	21.7	6.3	70	7.5	86
COKER 201	4.53	1.04	0.81	42.4	19.8	5.8	69	7.0	78
DELTAPINE 607	4.75	1.06	0.88	42.7	20.2	6.3	74	7.3	83
ATLAS 66-155	4.51	1.03	0.85	46.5	23.8	6.4	67	7.8	83
COKER 310-9901	4.58	1.17	0.95	39.8	20.9	6.8	70	7.8	82
ATLAS 66-182	3.93	1.06	0.85	44.1	21.5	6.5	68	7.8	80
PEE DEE 6520	4.45	1.03	0.84	43.6	20.5	6.2	67	7.0	81
MO. 63-279D	3.94	1.07	0.84	38.0	21.0	6.5	67	7.8	79
COKER 421B	4.40	1.11	0.90	42.5	20.3	6.4	67	7.3	81
BOBSHAW 54	4.53	1.17	0.93	43.2	21.6	6.1	69	7.0	79
MO. 63-079	4.10	1.15	0.92	39.6	22.1	7.4	68	8.0	80
COKER 413-8913	3.93	1.12	0.89	42.2	20.3	6.2	68	7.0	80
MO. 63-277E	4.08	1.17	0.94	38.3	22.1	8.6	66	8.8	81
MCNAIR 7215	4.61	1.07	0.89	41.8	23.0	6.3	68	7.5	83
PEE DEE 6162	4.76	1.07	0.87	43.1	23.4	6.0	67	8.0	82
ATLAS 66-146	4.28	1.13	0.93	43.3	23.4	6.1	68	7.5	82
PEE DEE 4381B	3.70	1.10	0.89	44.0	21.6	6.3	68	8.0	81
ACALA SJ-1	4.43	1.11	0.87	42.6	21.6	6.1	68	7.5	79

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
ST. JOSEPH, LA.									
COKER 310-9901	1472	A	5.06	90	37.1	11.8	.61	1.31	146
COKER 201	1379	AB	5.73	80	34.9	12.4	.55	1.19	130
LA. DASS-197	1307	ABC	5.11	89	37.7	11.9	.56	1.21	144
COKER 413-8913	1290	ABC	5.52	82	33.4	12.4	.55	1.22	149
MO. 63-277E	1283	ABC	6.58	70	34.3	13.6	.61	1.26	148
COKER 421B	1272	ABC	5.42	84	35.5	12.0	.58	1.22	150
DELTAPINE 5826	1269	ABCD	5.10	90	34.6	12.2	.63	1.23	144
DELTAPINE 607	1218	BCD	5.20	87	34.6	11.4	.60	1.22	150
PEE DEE 6520	1205	BCD	5.32	86	35.1	12.6	.56	1.16	146
PEE DEE 6162	1197	BCD	5.52	83	35.6	13.7	.59	1.20	146
PEE DEE 4381B	1175	BCD	5.35	85	34.4	12.6	.59	1.23	144
MO. 63-079	1164	BCD	6.41	71	32.7	13.9	.59	1.24	145
ATLAS 66-155	1153	BCD	6.00	76	34.9	13.7	.55	1.18	153
MO. 63-279D	1129	BCD	5.99	76	32.1	13.3	.59	1.24	150
BOBSHAW 54	1122	CD	5.69	80	30.7	12.6	.59	1.26	148
MCNAIR 7215	1120	CD	5.69	80	33.0	13.5	.56	1.17	137
ATLAS 66-182	1115	CD	6.23	73	34.8	13.5	.52	1.14	143
ATLAS 66-146	1089	CD	5.66	80	34.4	14.5	.57	1.18	150
ACALA SJ-1	1088	CD	6.51	70	33.8	14.9	.59	1.23	148
LA. DSI-65-42	1014	D	5.42	84	35.8	13.4	.58	1.19	156
KELSO, ARK.									
LA. DASS-197	1200	A	5.68	80	39.2	11.6	.47	1.09	119
DELTAPINE 607	1044	B	5.30	86	37.4	11.0	.51	1.14	128
DELTAPINE 5826	1006	BC	5.24	87	38.5	12.8	.54	1.11	133
COKER 310-9901	1006	BC	5.19	88	38.8	12.2	.53	1.23	122
MO. 63-277E	983	BCD	5.81	78	37.4	13.2	.52	1.18	132
COKER 421B	969	BCD	5.33	86	39.2	12.3	.54	1.18	133
COKER 413-8913	953	BCD	5.59	81	35.8	12.7	.53	1.23	139
PEE DEE 6520	938	BCDE	5.53	82	37.1	12.3	.50	1.09	127
PEE DEE 6162	913	CDEF	5.89	77	38.1	14.2	.55	1.17	140
COKER 201	902	CDEF	5.32	85	39.4	12.7	.51	1.13	116
MO. 63-279D	901	CDEF	5.97	76	35.6	12.7	.53	1.17	136
MO. 63-079	885	DEF	5.70	80	37.0	14.2	.49	1.14	127
BOBSHAW 54	883	DEF	5.51	83	33.8	12.9	.53	1.18	127
ATLAS 66-155	883	DEF	6.23	73	37.3	14.4	.52	1.13	140
LA. DSI-65-42	872	DEF	5.99	76	38.8	13.1	.54	1.15	142
ATLAS 66-182	832	EF	6.05	75	37.3	13.1	.47	1.12	127
ACALA SJ-1	830	EF	6.46	70	38.4	13.9	.54	1.14	140
MCNAIR 7215	824	EF	5.60	81	34.9	13.5	.52	1.13	123
PEE DEE 4381B	810	F	5.25	86	37.3	13.7	.52	1.15	135
ATLAS 66-146	808	F	5.78	79	37.5	14.4	.53	1.14	139

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
				ST. JOSEPH, LA.					
COKER 310-9901	4.20	1.31	1.11	37.9	20.4	8.1	77	8.3	85
COKER 201	4.58	1.23	1.05	36.4	19.2	7.5	77	8.8	85
LA. DASS-197	4.53	1.21	1.03	43.5	21.1	7.0	78	8.0	85
COKER 413-8913	4.06	1.28	1.10	41.0	20.5	7.1	77	8.5	86
MO. 63-277E	4.00	1.28	1.10	36.8	21.5	8.8	76	9.3	86
COKER 421B	4.43	1.24	1.04	41.3	21.8	6.9	77	8.5	84
DELTAPINE 5826	4.55	1.22	1.07	37.8	21.1	7.6	77	8.5	88
DELTAPINE 607	4.68	1.23	1.06	41.0	21.3	7.9	79	8.0	86
PEE DEE 6520	4.43	1.17	1.00	42.5	21.5	7.0	77	8.5	86
PEE DEE 6162	5.04	1.20	1.05	40.7	22.4	6.5	75	9.3	88
PEE DEE 4381B	4.03	1.22	1.04	39.4	20.3	7.0	78	8.8	86
MO. 63-079	4.05	1.26	1.08	35.9	20.6	8.6	76	8.8	86
ATLAS 66-155	4.61	1.17	1.01	42.5	23.4	7.2	76	8.8	86
MO. 63-279D	3.96	1.27	1.10	40.9	21.3	6.9	78	8.8	87
BOBSHAW 54	4.49	1.29	1.10	41.0	21.6	7.4	78	8.0	86
MCNAIR 7215	4.66	1.20	1.02	39.2	21.0	7.4	76	8.3	86
ATLAS 66-182	4.29	1.16	0.96	43.0	22.2	7.3	76	8.3	84
ATLAS 66-146	4.39	1.20	1.03	42.7	23.6	7.0	76	8.3	86
ACALA SJ-1	4.63	1.23	1.07	41.6	22.9	7.5	76	8.3	87
LA. DSI-65-42	4.33	1.24	1.07	43.5	23.8	7.3	78	8.8	87
				KELSO, ARK.					
LA. DASS-197	4.98	1.07	0.86	44.3	20.2	6.1	77	7.8	81
DELTAPINE 607	5.08	1.15	0.96	42.6	20.2	7.3	77	7.3	83
DELTAPINE 5826	5.06	1.14	0.98	39.9	20.9	7.6	76	8.0	86
COKER 310-9901	5.00	1.21	0.97	39.0	20.0	7.4	72	8.0	80
MO. 63-277E	4.20	1.18	0.98	37.3	20.2	9.6	76	8.5	83
COKER 421B	4.93	1.18	0.99	41.8	20.3	6.7	73	8.5	84
COKER 413-8913	4.45	1.22	1.02	43.1	21.2	6.6	75	8.0	84
PEE DEE 6520	4.88	1.08	0.88	42.2	21.1	6.6	74	7.3	82
PEE DEE 6162	5.25	1.18	1.01	43.0	22.5	6.6	73	8.5	86
COKER 201	5.39	1.11	0.88	37.5	19.8	7.3	75	8.3	80
MO. 63-279D	4.48	1.15	0.95	41.8	20.7	7.1	75	7.8	83
MO. 63-079	4.49	1.14	0.91	38.1	19.7	8.5	74	8.0	80
BOBSHAW 54	5.03	1.18	0.94	43.1	21.2	6.8	73	7.8	80
ATLAS 66-155	5.28	1.10	0.89	41.6	22.7	6.7	73	8.3	82
LA. DSI-65-42	4.94	1.13	0.94	46.1	24.0	6.7	74	7.8	83
ATLAS 66-182	4.63	1.04	0.82	45.9	21.0	6.8	70	8.0	79
ACALA SJ-1	4.86	1.13	0.95	42.8	23.1	7.4	74	8.8	84
MCNAIR 7215	4.92	1.13	0.93	40.5	19.1	7.0	76	7.8	83
PEE DEE 4381B	4.52	1.16	0.95	41.7	21.0	7.3	74	8.0	82
ATLAS 66-146	5.11	1.15	0.97	44.5	21.8	6.8	73	7.5	84

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
PORTAGEVILLE, MO.									
LA. DASS-197	1045	A	6.05	75	38.0	11.6	.47	1.13	119
MO. 63-277E	1028	AB	7.05	65	36.9	12.8	.54	1.22	125
COKER 310-9901	1003	AB	5.50	83	38.5	11.6	.54	1.24	118
DELTAPINE 5826	977	ABC	5.70	80	36.3	12.0	.55	1.15	127
DELTAPINE 607	962	ABCD	5.70	80	35.4	10.8	.51	1.14	122
COKER 421B	954	ABCD	5.50	83	37.5	11.2	.49	1.15	124
MO. 63-079	940	ABCDE	6.75	68	34.4	12.6	.51	1.17	125
PEE DEE 6162	907	ABCDEF	5.80	79	36.4	11.6	.51	1.14	125
MO. 63-279D	898	BCDEF	6.25	73	34.3	11.8	.53	1.20	130
PEE DEE 6520	897	BCDEF	5.80	78	35.4	11.6	.47	1.14	125
COKER 201	843	CDEFG	5.70	80	38.7	10.8	.49	1.14	111
PEE DEE 4381B	829	DEFGH	6.05	75	34.6	12.6	.53	1.18	128
COKER 413-8913	808	EFGH	5.65	80	35.3	10.8	.51	1.20	126
BOBSHAW 54	793	FGHI	6.20	74	31.4	11.8	.51	1.20	124
LA. DSI-65-42	749	GHI	6.70	68	36.5	12.0	.52	1.14	134
ATLAS 66-146	749	GHI	5.60	81	36.4	12.0	.50	1.14	129
ATLAS 66-182	739	GHI	6.30	73	36.3	12.4	.48	1.09	123
MCNAIR 7215	697	HIJ	6.35	72	34.9	13.0	.51	1.15	119
ATLAS 66-155	658	IJ	5.75	79	35.9	12.6	.48	1.11	129
ACALA SJ-1	605	J	6.00	76	36.8	13.0	.50	1.13	129
JACKSON, TENN.									
DELTAPINE 607	751	A	6.03	75	37.1	10.4	.50	1.09	132
LA. DASS-197	713	AB	5.90	77	39.5	10.4	.52	1.11	128
COKER 201	701	ABC	6.17	74	39.7	11.0	.46	1.03	123
COKER 413-8913	655	BCD	5.68	80	36.9	10.5	.54	1.15	148
ACALA SJ-1	632	CDE	7.14	64	35.6	13.5	.52	1.10	149
MO. 63-277E	630	CDEF	6.83	67	36.2	12.3	.51	1.11	125
COKER 310-9901	627	CDEF	5.73	79	39.3	11.4	.51	1.16	144
COKER 421B	622	CDEF	5.62	81	39.8	10.4	.51	1.10	139
PEE DEE 6162	617	DEF	5.78	79	39.0	11.8	.51	1.09	134
PEE DEE 4381B	605	DEFG	5.76	79	37.5	10.7	.53	1.11	147
MO. 63-079	598	DEFG	6.60	69	36.4	12.1	.48	1.07	133
DELTAPINE 5826	587	DEFG	5.75	79	36.3	12.2	.55	1.13	143
ATLAS 66-146	583	DEFG	5.84	78	37.3	12.0	.52	1.08	136
ATLAS 66-155	552	EFGH	6.47	70	38.1	11.9	.49	1.03	137
ATLAS 66-182	547	FGH	6.68	68	36.4	11.8	.51	1.05	136
MO. 63-279D	546	FGH	6.23	73	36.4	11.2	.53	1.13	136
PEE DEE 6520	533	GH	5.78	78	37.9	10.5	.52	1.07	139
LA. DSI-65-42	528	GH	6.17	74	37.5	11.8	.51	1.10	148
MCNAIR 7215	501	H	6.33	72	33.9	11.3	.54	1.10	124
BOBSHAW 54	494	H	6.21	73	33.6	10.8	.53	1.12	128

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
PORTAGEVILLE, MO.									
LA. DASS-197	4.63	1.11	0.88	41.5	19.2	7.2	72	7.8	80
MO. 63-277E	4.03	1.18	0.92	35.6	19.0	9.8	69	8.5	79
COKER 310-9901	4.20	1.18	0.87	35.5	19.3	9.3	67	8.3	75
DELTAPINE 5826	4.76	1.17	0.97	36.7	19.3	8.0	70	8.3	83
DELTAPINE 607	4.48	1.14	0.91	37.5	18.9	8.3	71	8.0	80
COKER 421B	4.55	1.14	0.91	37.1	20.3	6.6	70	8.5	80
MO. 63-079	3.88	1.17	0.93	36.0	19.9	9.1	71	8.0	80
PEE DEE 6162	4.61	1.17	0.93	37.4	20.5	7.7	69	8.5	80
MO. 63-279D	4.24	1.16	0.93	38.7	20.4	7.8	70	8.0	80
PEE DEE 6520	4.09	1.11	0.87	40.0	20.9	7.5	72	7.5	79
COKER 201	4.41	1.12	0.88	34.9	18.6	8.0	68	8.5	79
PEE DEE 4381B	4.15	1.15	0.93	38.2	20.0	8.2	69	8.0	81
COKER 413-8913	4.20	1.17	0.91	38.8	20.2	7.6	70	8.0	78
BOBSHAW 54	4.36	1.16	0.88	38.8	20.8	7.8	67	8.3	76
LA. DSI-65-42	4.15	1.15	0.90	41.5	22.1	7.6	67	8.5	79
ATLAS 66-146	4.30	1.10	0.87	41.0	21.6	6.6	69	7.5	80
ATLAS 66-182	3.98	1.08	0.82	41.2	21.9	7.5	69	8.0	77
MCNAIR 7215	4.38	1.16	0.94	37.1	19.9	7.9	68	8.0	81
ATLAS 66-155	4.09	1.08	0.86	42.0	22.4	7.9	69	8.3	81
ACALA SJ-1	4.30	1.13	0.91	39.0	21.2	8.0	69	8.8	81
JACKSON, TENN.									
DELTAPINE 607	5.25	1.12	0.92	40.1	20.5	7.6	77	8.0	82
LA. DASS-197	5.25	1.08	0.87	42.7	20.2	6.5	77	8.0	81
COKER 201	5.53	1.05	0.85	40.5	19.5	7.3	75	8.3	81
COKER 413-8913	4.50	1.14	0.96	42.7	21.7	6.7	77	8.3	84
ACALA SJ-1	5.30	1.10	0.93	42.6	22.3	7.8	74	8.0	85
MO. 63-277E	4.68	1.09	0.92	38.2	21.3	9.9	73	9.0	85
COKER 310-9901	5.22	1.21	1.01	39.4	22.0	8.0	74	8.5	84
COKER 421B	5.14	1.11	0.90	43.3	22.1	6.9	75	8.3	81
PEE DEE 6162	5.33	1.11	0.94	43.4	22.6	8.0	74	8.5	85
PEE DEE 4381B	4.63	1.12	0.96	43.7	23.4	7.9	77	8.3	86
MO. 63-079	4.88	1.10	0.92	40.4	21.7	9.3	75	8.5	84
DELTAPINE 5826	5.15	1.13	0.95	42.1	21.5	7.1	76	8.3	84
ATLAS 66-146	4.95	1.08	0.88	45.0	22.1	6.9	76	8.0	81
ATLAS 66-155	5.05	1.02	0.84	45.8	22.8	7.0	74	8.5	82
ATLAS 66-182	5.08	1.04	0.83	49.7	21.4	6.8	76	8.5	80
MO. 63-279D	4.80	1.12	0.95	43.4	21.7	7.4	76	8.5	85
PEE DEE 6520	5.18	1.08	0.91	46.1	22.9	7.7	76	8.5	84
LA. DSI-65-42	5.13	1.12	0.96	43.9	23.8	7.4	74	8.5	86
MCNAIR 7215	5.00	1.06	0.86	42.1	21.7	8.2	73	8.3	81
BOBSHAW 54	5.08	1.11	0.90	41.6	20.7	7.1	75	7.8	81

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
BELLE MINA, ALA.									
LA. DASS-197	758	A	5.67	80	39.8	10.9	.54	1.13	134
COKER 201	712	AB	5.80	78	40.0	11.1	.51	1.08	124
PEE DEE 6520	693	ABC	5.33	85	38.5	11.0	.49	1.07	137
ATLAS 66-182	669	BCD	6.04	76	37.9	12.1	.48	1.07	138
MCNAIR 7215	658	BCDE	5.97	77	36.4	11.4	.53	1.13	134
MO. 63-079	656	BCDE	6.34	72	36.3	12.4	.52	1.13	138
COKER 310-9901	643	BCDEF	5.47	83	38.9	10.9	.52	1.15	131
COKER 413-8913	641	BCDEF	5.78	79	38.8	10.9	.54	1.17	132
MO. 63-279D	633	CDEF	6.14	74	36.2	12.2	.55	1.15	142
BOBSHAW 54	627	CDEF	5.83	78	33.4	11.8	.54	1.15	137
MO. 63-277E	615	DEF	6.25	73	37.7	11.7	.55	1.17	146
DELTAPINE 5826	600	DEF	5.39	84	36.3	12.1	.53	1.14	137
COKER 421B	599	DEF	5.27	86	38.9	10.5	.52	1.12	139
PEE DEE 4381B	588	EFG	5.13	88	37.1	11.3	.52	1.14	149
DELTAPINE 607	586	EFG	5.86	78	37.0	11.1	.50	1.11	137
ACALA SJ-1	572	FG	6.15	74	35.1	13.7	.54	1.13	153
ATLAS 66-155	571	FG	5.63	81	36.8	11.8	.50	1.07	147
ATLAS 66-146	523	GH	4.72	97	38.1	11.9	.51	1.11	140
PEE DEE 6162	498	H	4.89	93	34.0	11.8	.54	1.14	139
LA. DSI-65-42	490	H	5.85	78	39.1	11.9	.51	1.09	142
TIFTON, GA.									
COKER 310-9901	817	A	6.39	71	38.8	11.3	.59	1.28	136
COKER 413-8913	812	AB	6.79	67	36.5	11.4	.55	1.21	139
COKER 201	800	AB	7.13	64	38.6	11.8	.58	1.18	119
DELTAPINE 607	711	ABC	6.56	69	37.5	10.6	.57	1.19	137
COKER 421B	704	ABC	6.51	70	38.7	10.4	.57	1.20	137
LA. DASS-197	680	BCD	6.31	72	39.6	10.7	.57	1.18	133
PEE DEE 4381B	647	CD	6.14	74	37.1	12.2	.56	1.18	135
MO. 63-079	646	CD	7.64	60	36.0	14.3	.56	1.21	128
DELTAPINE 5826	624	CDE	6.07	75	36.2	12.3	.57	1.17	136
PEE DEE 6520	612	CDE	6.29	73	36.5	11.8	.55	1.15	132
MO. 63-279D	601	CDEF	7.16	63	35.2	12.9	.59	1.23	140
MO. 63-277E	594	CDEFG	7.51	60	37.0	13.2	.57	1.22	135
ATLAS 66-155	550	DEFGH	7.28	63	36.6	12.8	.56	1.12	137
MCNAIR 7215	543	DEFGH	7.40	62	34.3	13.3	.57	1.18	127
BOBSHAW 54	503	EFGH	7.08	64	33.7	12.3	.59	1.24	135
ATLAS 66-182	487	EFGH	7.81	58	35.7	13.1	.55	1.15	137
PEE DEE 6162	474	FGH	6.70	68	37.3	13.1	.56	1.17	133
ATLAS 66-146	460	GH	6.27	73	36.3	13.5	.54	1.16	142
LA. DSI-65-42	451	H	6.57	69	37.2	12.4	.57	1.17	142
ACALA SJ-1	419	H	7.43	61	34.3	14.6	.59	1.22	130

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORI-METER RD	COLORI-METER B	UNIF. RATIO
BELLE MINA, ALA.									
LA. DASS-197	4.71	1.12	0.92	44.0	21.4	6.9	76	8.8	83
COKER 201	4.85	1.08	0.88	39.9	20.4	7.2	74	8.8	82
PEE DEE 6520	4.90	1.10	0.89	45.1	22.4	7.0	73	9.0	82
ATLAS 66-182	4.48	1.07	0.88	45.5	23.1	7.2	72	8.8	82
MCNAIR 7215	4.60	1.09	0.91	41.8	21.2	7.0	72	8.0	84
MO. 63-079	4.39	1.15	0.95	40.3	22.0	9.2	71	9.0	83
COKER 310-9901	4.53	1.15	0.96	40.2	20.0	7.3	73	8.8	84
COKER 413-8913	4.46	1.17	0.96	40.6	20.7	7.8	74	8.5	82
MO. 63-279D	4.39	1.16	0.95	40.9	21.2	7.4	71	9.0	83
BOBSHAW 54	4.50	1.18	0.98	42.7	22.8	7.2	74	8.8	83
MO. 63-277E	4.05	1.18	0.99	38.4	22.4	9.6	73	9.0	84
DELTAPINE 5826	4.65	1.11	0.92	43.0	21.0	7.0	73	8.5	83
COKER 421B	4.31	1.13	0.94	43.7	22.0	6.5	72	9.0	83
PEE DEE 4381B	4.00	1.15	0.96	42.4	22.5	7.4	73	8.5	84
DELTAPINE 607	4.80	1.15	0.96	41.9	21.1	7.1	75	8.3	84
ACALA SJ-1	4.35	1.12	0.97	44.9	25.4	7.6	75	8.5	87
ATLAS 66-155	4.31	1.06	0.87	47.1	24.5	6.8	72	9.3	82
ATLAS 66-146	4.25	1.08	0.89	46.1	23.0	6.5	71	8.5	83
PEE DEE 6162	4.66	1.13	0.93	43.8	22.2	7.9	71	9.3	83
LA. DSI-65-42	4.60	1.09	0.92	43.3	23.3	7.3	75	8.8	84
TIFTON, GA.									
COKER 310-9901	4.78	1.31	1.10	35.7	19.4	7.6	78	8.5	84
COKER 413-8913	4.29	1.25	1.08	37.2	19.5	6.4	78	8.8	87
COKER 201	4.95	1.21	1.02	33.7	17.7	6.9	78	8.8	85
DELTAPINE 607	4.94	1.18	1.01	37.8	20.8	7.4	78	8.5	86
COKER 421B	4.74	1.21	1.02	39.0	20.3	6.4	77	8.5	85
LA. DASS-197	5.00	1.17	0.99	40.5	19.9	6.5	79	8.5	85
PEE DEE 4381B	4.53	1.17	0.94	36.0	19.8	6.9	78	8.8	81
MO. 63-079	4.49	1.21	1.00	33.4	19.2	8.7	77	8.8	83
DELTAPINE 5826	4.66	1.20	1.06	35.6	20.3	8.0	78	8.8	88
PEE DEE 6520	4.56	1.16	0.95	37.8	20.2	6.6	78	8.3	82
MO. 63-279D	4.43	1.23	1.04	36.9	20.2	7.3	77	8.5	85
MO. 63-277E	4.23	1.25	1.06	31.7	18.5	9.6	75	9.3	85
ATLAS 66-155	4.78	1.14	0.98	39.8	21.6	6.3	75	9.0	87
MCNAIR 7215	4.96	1.20	1.02	35.9	19.2	7.0	77	8.3	85
BOBSHAW 54	4.90	1.26	1.09	36.1	20.8	6.6	77	9.0	87
ATLAS 66-182	4.65	1.16	0.98	40.8	21.7	6.7	77	9.0	85
PEE DEE 6162	4.96	1.18	1.00	35.9	19.9	6.7	77	8.8	85
ATLAS 66-146	4.76	1.21	1.05	38.2	21.6	6.2	76	8.5	87
LA. DSI-65-42	4.41	1.17	1.02	43.7	21.5	6.8	77	9.0	87
ACALA SJ-1	4.35	1.20	1.02	36.7	20.9	7.4	78	9.3	85

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	2.5 PCT.	22'S
				EXPERIMENT, GA.					
DELTAPINE 607	1004	A	6.03	75	37.8	10.4	.56	1.15	130
PEE DEE 6162	988	AB	6.36	72	39.3	12.1	.55	1.12	128
MO. 63-279D	959	AB	6.86	66	36.6	12.5	.56	1.14	138
MO. 63-079	951	AB	7.53	61	37.0	13.1	.58	1.17	130
MCNAIR 7215	938	AB	7.20	63	36.4	13.0	.53	1.12	125
COKER 310-9901	928	AB	6.55	69	41.4	10.4	.57	1.22	124
PEE DEE 4381B	923	ABC	6.23	73	38.2	11.0	.52	1.09	123
PEE DEE 6520	912	ABCD	6.17	74	38.8	11.1	.54	1.11	128
COKER 201	871	BCDE	6.74	68	41.1	10.7	.54	1.14	119
ATLAS 66-146	870	BCDE	6.46	70	38.7	12.1	.50	1.07	127
ATLAS 66-182	861	BCDE	7.40	62	37.1	12.4	.53	1.11	134
MO. 63-277E	801	CDEF	7.28	62	37.5	12.7	.58	1.20	133
ATLAS 66-155	792	DEF	7.18	63	38.0	12.3	.51	1.06	136
COKER 413-8913	786	DEF	6.26	73	38.7	10.3	.55	1.15	132
COKER 421B	770	EF	5.69	80	40.7	10.1	.54	1.15	128
LA. DASS-197	764	EF	6.17	74	39.4	11.5	.55	1.13	129
BOBSHAW 54	713	FG	6.61	69	33.8	11.4	.57	1.19	133
LA. DSI-65-42	698	FGH	6.66	69	38.5	11.8	.56	1.12	145
DELTAPINE 5826	630	GH	6.25	73	38.1	11.8	.56	1.12	127
ACALA SJ-1	590	H	7.32	62	36.4	13.2	.54	1.13	130
				FLORENCE, S.C.					
COKER 201	810	A	6.50	70	37.8	12.0	.51	1.13	120
DELTAPINE 607	786	AB	5.56	82	35.8	10.8	.55	1.17	130
COKER 310-9901	785	ABC	5.82	78	36.9	11.7	.55	1.27	134
MO. 63-277E	774	ABCD	6.89	66	35.7	14.1	.55	1.22	126
ATLAS 66-155	757	ABCDE	6.76	67	35.5	13.8	.52	1.08	134
MO. 63-079	751	ABCDE	6.99	65	34.4	14.9	.57	1.21	127
LA. DASS-197	746	ABCDE	5.89	77	39.7	11.5	.50	1.13	130
COKER 421B	746	ABCDE	5.87	78	36.9	12.0	.54	1.19	129
ATLAS 66-182	743	ABCDE	7.05	65	34.7	13.7	.55	1.14	137
PEE DEE 4381B	735	ABCDE	6.02	76	35.5	13.0	.52	1.16	126
MCNAIR 7215	732	ABCDE	6.28	73	33.6	13.1	.50	1.12	125
BOBSHAW 54	727	ABCDE	6.51	70	31.3	13.2	.53	1.20	135
PEE DEE 6520	721	BCDE	6.25	73	35.2	12.6	.54	1.17	126
MO. 63-279D	700	CDEF	6.14	74	34.0	13.2	.57	1.20	136
ATLAS 66-146	690	DEFG	6.17	74	34.3	14.1	.53	1.15	135
PEE DEE 6162	688	EFG	6.27	73	36.0	13.0	.56	1.19	129
DELTAPINE 5826	623	FGH	5.38	85	34.4	11.6	.55	1.17	128
COKER 413-8913	613	GH	5.90	77	34.0	12.9	.55	1.23	134
LA. DSI-65-42	561	H	6.81	67	35.2	12.9	.56	1.19	147
ACALA SJ-1	355	I	6.93	66	33.3	15.1	.52	1.15	130

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
EXPERIMENT, GA.									
DELTAPINE 607	4.04	1.13	0.94	35.8	19.6	8.4	75	8.5	83
PEE DEE 6162	4.31	1.12	0.94	36.4	19.7	7.6	72	8.5	84
MO. 63-279D	3.94	1.19	1.03	34.6	19.9	8.0	75	8.5	87
MO. 63-079	3.85	1.18	1.05	33.9	19.6	9.6	74	9.3	89
MCNAIR 7215	4.35	1.16	1.02	33.2	16.6	8.4	74	8.3	88
COKER 310-9901	4.38	1.20	0.97	33.6	18.5	8.7	73	9.3	81
PEE DEE 4381B	3.81	1.09	0.93	34.2	18.1	8.1	72	8.8	85
PEE DEE 6520	4.06	1.09	0.91	36.2	18.5	7.5	75	8.5	84
COKER 201	4.23	1.10	0.95	32.1	17.6	7.7	75	8.8	86
ATLAS 66-146	4.14	1.08	0.92	39.7	19.9	6.8	74	8.3	85
ATLAS 66-182	4.19	1.06	0.89	37.8	20.7	7.5	74	9.0	84
MO. 63-277E	3.74	1.23	1.05	31.1	18.8	10.1	74	9.0	85
ATLAS 66-155	4.44	1.06	0.88	38.9	21.2	7.5	74	8.8	84
COKER 413-8913	4.04	1.16	0.99	35.0	19.4	7.7	73	8.8	86
COKER 421B	4.30	1.16	0.98	33.4	19.1	8.1	74	9.0	85
LA. DASS-197	4.48	1.12	0.92	36.9	19.1	7.4	75	9.0	83
BOBSHAW 54	3.79	1.18	0.99	35.8	20.5	8.3	74	8.5	84
LA. DSI-65-42	4.14	1.13	0.98	38.8	22.0	8.1	75	9.3	87
DELTAPINE 5826	4.34	1.11	0.98	31.6	18.8	8.9	75	9.0	88
ACALA SJ-1	3.99	1.11	0.97	36.5	19.8	8.1	75	8.8	88
FLORENCE, S.C.									
COKER 201	4.69	1.16	0.97	31.8	17.2	8.3	79	8.8	84
DELTAPINE 607	4.37	1.16	0.95	33.1	18.6	9.6	79	8.5	82
COKER 310-9901	4.58	1.28	1.02	32.8	18.9	8.6	78	8.5	80
MO. 63-277E	3.96	1.20	0.98	32.7	18.6	10.6	77	9.0	82
ATLAS 66-155	4.74	1.09	0.90	36.1	19.6	8.1	76	9.0	83
MO. 63-079	4.34	1.22	1.00	32.1	18.3	9.3	76	9.5	82
LA. DASS-197	4.53	1.14	0.92	37.9	19.5	8.3	79	8.8	81
COKER 421B	4.50	1.19	0.94	34.9	18.3	6.8	77	8.8	79
ATLAS 66-182	4.43	1.15	0.96	37.4	19.8	7.5	79	8.5	84
PEE DEE 4381B	4.43	1.17	0.95	32.9	18.3	8.7	77	8.8	82
MCNAIR 7215	4.74	1.19	0.99	33.5	18.0	9.2	79	7.8	84
BOBSHAW 54	4.55	1.22	1.01	35.0	19.4	7.9	79	8.5	83
PEE DEE 6520	4.63	1.15	0.94	37.4	19.3	7.9	80	8.5	82
MO. 63-279D	4.30	1.22	1.03	34.4	18.9	8.8	77	9.0	84
ATLAS 66-146	4.69	1.16	1.00	36.6	20.3	7.1	79	8.5	86
PEE DEE 6162	4.80	1.17	0.99	35.5	19.5	7.9	77	8.5	85
DELTAPINE 5826	4.09	1.14	0.94	32.6	18.1	9.9	77	9.3	83
COKER 413-8913	3.93	1.20	0.97	35.1	18.8	7.3	76	9.3	82
LA. DSI-65-42	4.08	1.19	1.01	38.0	21.5	8.6	78	8.8	85
ACALA SJ-1	4.38	1.19	0.99	33.0	19.5	8.1	77	9.0	83

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
				ROCKY MT., N.C.					
COKER 310-9901	1240	A	5.81	78	39.5	9.9	.54	1.23	129
COKER 421B	1232	AB	5.61	81	38.1	10.6	.54	1.14	135
COKER 201	1202	ABC	6.02	76	37.8	10.4	.52	1.12	120
LA. DASS-197	1196	ABCD	5.64	81	38.0	10.6	.52	1.12	136
MCNAIR 7215	1165	ABCDE	6.84	66	35.1	11.9	.51	1.11	124
PEE DEE 6520	1140	ABCDEF	5.75	79	36.5	10.9	.53	1.10	129
MO. 63-277E	1095	ABCDEFG	6.97	65	35.6	11.8	.55	1.22	134
ATLAS 66-182	1088	BCDEFG	6.72	68	35.2	12.4	.53	1.12	138
PEE DEE 6162	1084	BCDEFG	5.90	77	36.5	11.6	.53	1.12	128
MO. 63-079	1078	CDEFG	6.77	67	34.6	12.5	.54	1.16	125
DELTAPINE 607	1069	CDEFG	5.52	82	35.2	10.1	.53	1.13	131
ATLAS 66-155	1060	CDEFGH	6.46	71	36.2	12.5	.54	1.11	136
ACALA SJ-1	1053	CDEFGH	6.83	67	35.0	12.9	.54	1.16	135
COKER 413-8913	1046	DEFGH	5.52	82	35.8	10.5	.54	1.17	136
MO. 63-279D	1014	EFGH	6.48	70	34.9	11.8	.54	1.17	139
DELTAPINE 5826	1002	FGH	5.48	83	36.4	11.2	.56	1.13	129
ATLAS 66-146	984	GH	5.92	77	36.5	12.4	.53	1.13	134
PEE DEE 4381B	965	GH	5.81	79	35.5	10.8	.52	1.11	127
LA. DSI-65-42	940	GH	6.15	74	35.8	11.4	.54	1.16	142
BOBSHAW 54	910	H	6.03	75	32.0	11.3	.54	1.17	134

1969 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
				ROCKY MT., N.C.					
COKER 310-9901	3.88	1.21	0.92	33.8	18.8	8.9	77	8.3	76
COKER 421B	4.01	1.15	0.92	35.3	18.8	7.7	76	8.5	80
COKER 201	3.83	1.13	0.91	31.6	17.1	8.9	76	8.8	80
LA. DASS-197	4.05	1.14	0.91	37.6	19.1	7.9	76	8.8	80
MCNAIR 7215	4.05	1.12	0.93	32.5	17.5	8.6	76	8.0	83
PEE DEE 6520	3.93	1.11	0.87	34.7	19.8	7.8	78	8.3	79
MO. 63-277E	3.34	1.22	0.97	32.2	18.3	10.7	75	9.3	80
ATLAS 66-182	3.80	1.12	0.91	37.4	20.7	7.9	77	8.5	82
PEE DEE 6162	4.11	1.14	0.92	33.9	19.6	7.9	76	8.8	81
MO. 63-079	3.69	1.15	0.93	31.6	18.3	10.0	75	9.0	82
DELTAPINE 607	3.73	1.15	0.92	33.4	18.0	9.1	78	8.5	80
ATLAS 66-155	4.18	1.14	0.94	36.4	20.3	8.2	74	9.0	83
ACALA SJ-1	3.80	1.17	0.99	33.8	19.8	8.8	77	8.8	85
COKER 413-8913	3.56	1.15	0.88	35.1	18.8	8.4	76	8.8	77
MO. 63-279D	3.65	1.16	0.93	33.6	19.4	8.4	76	9.0	80
DELTAPINE 5826	3.94	1.11	0.92	31.9	17.2	9.4	77	8.8	84
ATLAS 66-146	4.10	1.13	0.90	36.5	19.9	7.9	77	8.8	80
PEE DEE 4381B	3.48	1.11	0.88	32.2	18.4	8.8	76	9.0	79
LA. DSI-65-42	3.54	1.18	0.98	36.8	20.3	8.5	76	9.0	83
BOBSHAW 54	3.71	1.21	1.01	34.8	18.9	9.2	77	8.0	84

1969 PLAINS QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE	BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
TPSA 110	535 A	6.28	73	36.0	12.6	.48	1.07	111
COKER 4104	533 A	6.04	76	35.8	12.9	.52	1.13	119
BLANCO 3520	506 A	6.72	68	33.5	14.1	.51	1.11	140
TAMCOT 24	500 A	6.63	69	33.1	13.9	.51	1.13	142
BLANCO 3363	482 A	6.27	73	33.2	13.6	.47	1.05	117
GREGG 25V-3	295 B	5.73	81	35.3	13.3	.47	1.01	116

LOCATIONS COMBINING VARIETIES

CH.(IRR), OKLA.	684 A	6.97	65	35.1	14.6	.52	1.09	129
LUBBOCK, TEX.	432 B	5.72	80	32.3	13.8	.46	1.10	119
CH.(DRY), OKLA.	310 C	6.53	70	36.0	13.8	.53	1.12	135
TULIA, TEX		5.90	77	34.5	11.5	.46	1.02	114

BOLL SIZE, GRAM PER BOLL		BOLL SIZE, NO. PER LB.		LINT PCT.	
BLANCO 3520	6.72 A	GREGG 25V-3	81 A	TPSA 110	36.0 A
TAMCOT 24	6.63 AB	COKER 4104	76 B	COKER 4104	35.8 A
TPSA 110	6.28 BC	TPSA 110	73 BC	GREGG 25V-3	35.3 A
BLANCO 3363	6.27 BC	BLANCO 3363	73 BC	BLANCO 3520	33.5 B
COKER 4104	6.04 CD	TAMCOT 24	69 C	BLANCO 3363	33.2 B
GREGG 25V-3	5.73 D	BLANCO 3520	68 C	TAMCOT 24	33.1 B

SEED INDEX		SPAN LENGTH, 50 PCT.		SPAN LENGTH, 2.5 PCT.	
BLANCO 3520	14.1 A	COKER 4104	0.52 A	TAMCOT 24	1.13 A
TAMCOT 24	13.9 AB	TAMCOT 24	0.51 A	COKER 4104	1.13 A
BLANCO 3363	13.6 ABC	BLANCO 3520	0.51 A	BLANCO 3520	1.11 A
GREGG 25V-3	13.3 BCD	TPSA 110	0.48 B	TPSA 110	1.07 B
COKER 4104	12.9 CD	BLANCO 3363	0.47 B	BLANCO 3363	1.05 B
TPSA 110	12.6 D	GREGG 25V-3	0.47 B	GREGG 25V-3	1.01 C

22'S	
TAMCOT 24	142 A
BLANCO 3520	140 A
COKER 4104	119 B
BLANCO 3363	117 BC
GREGG 25V-3	116 BC
TPSA 110	111 C

MICRONAIRE	
TPSA 110	4.81 A
COKER 4104	4.57 B
BLANCO 3363	4.56 B
GREGG 25V-3	4.48 BC
BLANCO 3520	4.27 CD
TAMCOT 24	4.14 D

1969 PLAINS QUALITY REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
TPSA 110	4.81	1.03	0.82	40.5	18.4	7.0	72	8.5	79
COKER 4104	4.57	1.09	0.89	37.0	19.4	9.2	72	8.2	82
BLANCO 3520	4.27	1.09	0.89	43.5	23.0	7.8	75	7.9	82
TAMCOT 24	4.14	1.10	0.90	43.2	22.8	7.8	74	7.9	81
BLANCO 3363	4.56	1.01	0.81	41.3	19.2	7.4	73	7.9	80
GREGG 25V-3	4.48	0.99	0.81	37.2	20.1	9.5	72	8.3	82

LOCATIONS COMBINING VARIETIES

CH.(IRR), OKLA.	4.82	1.07	0.88	41.1	20.8	8.0	76	7.9	83
LUBBOCK, TEX.	3.39	1.03	0.78	39.2	20.1	8.3	71	8.1	76
CH.(DRY), OKLA.	4.92	1.09	0.90	43.4	22.0	7.7	73	7.8	83
TULIA, TEX	4.75	1.02	0.84	38.1	19.1	8.5	71	8.7	82

DRAWING SLIVER, UHM

TAMCOT 24	1.10	A
COKER 4104	1.09	A
BLANCO 3520	1.09	A
TPSA 110	1.03	B
BLANCO 3363	1.01	BC
GREGG 25V-3	0.99	C

DRAWING SLIVER, MEAN

TAMCOT 24	0.90	A
COKER 4104	0.89	A
BLANCO 3520	0.89	A
TPSA 110	0.82	B
BLANCO 3363	0.81	B
GREGG 25V-3	0.81	B

UNIFORMITY RATIO

COKER 4104	82	A
BLANCO 3520	82	A
GREGG 25V-3	82	A
TAMCOT 24	81	AB
BLANCO 3363	80	AB
TPSA 110	79	B

STELOMETER - TO

BLANCO 3520	43.5	A
TAMCOT 24	43.2	A
BLANCO 3363	41.3	B
TPSA 110	40.5	B
GREGG 25V-3	37.2	C
COKER 4104	37.0	C

STELOMETER - T1

BLANCO 3520	23.0	A
TAMCOT 24	22.8	A
GREGG 25V-3	20.1	B
COKER 4104	19.4	B
BLANCO 3363	19.2	BC
TPSA 110	18.4	C

STELOMETER - E1

GREGG 25V-3	9.5	A
COKER 4104	9.2	A
BLANCO 3520	7.8	B
TAMCOT 24	7.8	B
BLANCO 3363	7.4	BC
TPSA 110	7.0	C

COLORIMETER -RD

BLANCO 3520	75	A
TAMCOT 24	74	AB
BLANCO 3363	73	BC
GREGG 25V-3	72	C
TPSA 110	72	C
COKER 4104	72	C

COLORIMETER -B

TPSA 110	8.5	A
GREGG 25V-3	8.3	AB
COKER 4104	8.2	AB
BLANCO 3520	7.9	B
TAMCOT 24	7.9	B
BLANCO 3363	7.9	B

1969 PLAINS QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
LUBBOCK, TEX.									
COKER 4104	512	A	5.58	82	34.7	13.4	.47	1.13	117
TPSA 110	479	A	5.62	81	33.4	12.7	.46	1.10	111
BLANCO 3520	453	A	5.92	77	31.6	14.3	.47	1.12	134
BLANCO 3363	407	AB	5.82	78	30.9	13.7	.42	1.04	10[illegible]
TAMCOT 24	406	AB	6.40	71	30.2	15.0	.47	1.15	136
TULIA, TEX.									
BLANCO 3520			6.20	73	33.2	12.1	.47	1.05	126
GREGG 25V-3			5.27	87	35.4	11.5	.45	0.95	111
BLANCO 3363			5.79	78	33.3	11.3	.44	0.99	110
COKER 4104			5.90	77	34.6	10.6	.47	1.04	111
TPSA 110			6.15	74	36.3	11.5	.46	1.03	100
TAMCOT 24			6.11	74	34.3	11.8	.48	1.05	128
CHICKASHA, OKLA. (IRR)									
TAMCOT 24	775	A	6.94	66	33.7	14.5	.52	1.12	147
BLANCO 3520	761	A	7.48	61	34.1	15.5	.54	1.13	144
BLANCO 3363	751	A	7.22	63	33.8	15.5	.50	1.07	120
COKER 4104	751	A	6.48	70	36.4	14.0	.55	1.14	122
TPSA 110	732	A	6.88	66	36.8	13.5	.51	1.05	118
GREGG 25V-3	334	B	6.80	67	35.7	14.5	.51	1.03	122
CHICKASHA, OKLA. (DRY)									
TPSA 110	393	A	6.48	70	37.5	12.5	.49	1.08	117
COKER 4104	337	B	6.20	74	37.3	13.5	.57	1.20	127
TAMCOT 24	320	B	7.08	65	34.1	14.5	.56	1.17	156
BLANCO 3520	303	B	7.28	63	35.0	14.5	.54	1.14	158
BLANCO 3363	288	B	6.24	73	34.9	14.0	.50	1.09	130
GREGG 25V-3	218	C	5.88	78	37.1	13.5	.49	1.03	124

1969 PLAINS QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
LUBBOCK, TEX.									
COKER 4104	3.33	1.06	0.81	35.5	19.1	9.7	72	7.8	76
TPSA 110	3.61	1.04	0.79	40.7	18.7	6.9	68	8.5	76
BLANCO 3520	3.45	1.07	0.84	40.4	22.0	8.2	73	8.3	79
BLANCO 3363	3.25	0.95	0.71	40.4	18.6	7.5	72	8.0	75
TAMCOT 24	3.23	1.09	0.83	42.0	22.1	8.1	73	7.8	76
TULIA, TEX.									
BLANCO 3520	4.55	1.05	0.86	40.7	21.2	8.0	73	8.5	82
GREGG 25V-3	4.73	0.97	0.82	36.1	19.2	10.1	72	8.8	85
BLANCO 3363	4.95	0.98	0.80	38.6	17.7	7.9	72	8.3	81
COKER 4104	4.80	1.06	0.90	34.5	18.1	9.7	70	9.0	85
TPSA 110	5.03	1.00	0.78	37.3	16.8	7.3	70	9.5	79
TAMCOT 24	4.48	1.06	0.87	41.3	21.4	8.1	73	8.0	82
CHICKASHA, OKLA. (IRR)									
TAMCOT 24	4.38	1.11	0.92	43.0	22.9	7.6	77	8.0	83
BLANCO 3520	4.51	1.09	0.89	46.3	23.5	7.3	77	7.5	82
BLANCO 3363	4.98	1.06	0.88	41.0	19.5	7.3	76	7.8	83
COKER 4104	5.01	1.09	0.90	38.2	19.6	8.9	75	8.0	83
TPSA 110	5.20	1.04	0.84	40.6	18.3	7.1	76	8.0	81
GREGG 25V-3	4.83	1.03	0.86	37.6	20.8	9.5	74	8.3	84
CHICKASHA, OKLA. (DRY)									
TPSA 110	5.39	1.04	0.84	43.5	19.8	6.9	73	8.0	82
COKER 4104	5.14	1.12	0.93	39.8	20.6	8.3	71	8.0	83
TAMCOT 24	4.46	1.15	0.97	46.3	24.9	7.2	75	7.8	84
BLANCO 3520	4.56	1.14	0.96	46.7	25.4	7.5	76	7.5	84
BLANCO 3363	5.05	1.05	0.85	45.0	21.0	6.8	75	7.8	81
GREGG 25V-3	4.91	1.00	0.84	38.8	20.3	9.3	71	7.8	85

1969 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
P-21	830	A	3.51	131	35.6	13.0	.69	1.42	180
PIMA S-4	800	A	3.50	131	36.4	12.1	.67	1.39	174
P 19	784	AB	3.24	143	35.6	13.0	.66	1.40	180
PIMA S-2	711	BC	3.42	135	36.4	12.1	.65	1.34	173
PIMA S-3	664	C	3.34	140	33.9	12.3	.65	1.38	171
126-1	659	C	3.25	141	33.9	12.1	.65	1.36	170

SUBREGIONAL SUMMARY COMBINING PHOENIX, COOLIDGE AND TEMPE

P-21	645	A	3.08	148	34.1	12.6	.68	1.40	177
PIMA S-4	640	A	3.08	147	34.8	12.1	.67	1.39	177
P 19	549	AB	2.68	170	33.9	12.7	.67	1.40	180
126-1	531	B	2.84	160	32.3	11.9	.66	1.37	170
PIMA S-2	527	B	2.88	158	35.2	11.6	.65	1.34	173
PIMA S-3	367	C	2.69	170	32.0	11.7	.65	1.37	169

SUBREGIONAL SUMMARY COMBINING SAFFORD (PACE), SAFFORD (CURTIS), LAS CRUCES, FABENS AND EL PASO

P-21	941	A	3.76	121	36.6	13.2	.69	1.42	182
P 19	925	A	3.58	127	36.6	13.2	.66	1.39	180
PIMA S-4	897	AB	3.75	121	37.3	12.1	.66	1.39	173
PIMA S-3	843	AB	3.73	122	35.1	12.6	.65	1.39	172
PIMA S-2	822	BC	3.74	122	37.1	12.4	.65	1.34	174
126-1	736	C	3.49	130	34.8	12.1	.65	1.36	171

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
S. (CURTIS), ARIZ	1101	A	3.77	121	36.1	12.8	.69	1.41	177
EL PASO, TEX.	918	B	3.69	123	35.6	12.8	.65	1.37	174
S. (PACE), ARIZ.	832	B	3.60	126	37.9	11.4	.62	1.30	169
LAS CR., N.MEX.	740	C	3.75	121	35.9	12.8	.68	1.41	182
FABENS, TEX.	712	C	3.56	128	35.7	13.3	.67	1.42	175
COOLIDGE, ARIZ.	663	C	2.89	157	34.7	11.6	.66	1.38	178
PHOENIX, ARIZ.	522	D	2.72	168	32.2	12.3	.68	1.39	178
TEMPE, ARIZ.	444	D	3.02	151	34.3	12.4	.64	1.36	166

1969 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
P-21	4.26	1.37	1.14	46.3	28.6	8.5	70	10.3	83
PIMA S-4	4.29	1.35	1.11	44.9	27.9	9.2	70	10.3	83
P 19	4.15	1.36	1.13	44.2	27.2	8.5	74	8.8	83
PIMA S-2	4.19	1.30	1.07	43.9	27.4	8.5	71	9.8	83
PIMA S-3	3.95	1.31	1.06	43.7	26.8	9.0	68	10.8	81
126-1	4.14	1.33	1.10	42.8	26.4	8.6	70	9.8	83

SUBREGIONAL SUMMARY COMBINING PHOENIX, COOLIDGE AND TEMPE

P-21	4.02	1.35	1.08	46.1	28.2	8.0	70	9.8	80
PIMA S-4	4.18	1.33	1.07	45.9	28.5	8.7	70	9.8	80
P 19	4.00	1.34	1.07	43.9	27.0	8.0	73	8.6	80
126-1	4.02	1.30	1.04	42.8	26.4	8.2	69	9.3	80
PIMA S-2	4.03	1.28	0.99	44.1	27.2	8.0	71	9.7	78
PIMA S-3	3.59	1.26	0.95	44.4	26.4	8.7	67	11.0	75

SUBREGIONAL SUMMARY COMBINING SAFFORD (PACE), SAFFORD (CURTIS), LAS CRUCES, FABENS AND EL PASO

P-21	4.40	1.39	1.17	46.4	28.9	8.8	70	10.5	84
P 19	4.23	1.37	1.16	44.4	27.4	8.8	74	8.9	85
PIMA S-4	4.36	1.35	1.14	44.2	27.5	9.4	70	10.5	84
PIMA S-3	4.16	1.34	1.12	43.4	27.0	9.1	69	10.7	84
PIMA S-2	4.29	1.31	1.12	43.8	27.5	8.8	72	9.9	86
126-1	4.21	1.34	1.13	42.7	26.4	8.9	71	10.0	85

LOCATIONS COMBINING VARIETIES

LOCATION	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
S. (CURTIS), ARIZ	4.49	1.37	1.17	44.5	27.9	8.9	71	10.3	85
EL PASO, TEX.	4.22	1.34	1.12	43.4	27.1	9.0	71	10.0	84
S. (PACE), ARIZ.	4.35	1.26	1.05	44.7	27.4	8.8	70	10.5	84
LAS CR., N.MEX.	4.19	1.38	1.18	44.4	27.9	8.8	72	9.5	86
FABENS, TEX.	4.13	1.40	1.17	43.8	27.0	9.3	71	10.4	84
COOLIDGE, ARIZ.	4.12	1.33	1.11	45.6	28.2	8.1	71	9.3	83
PHOENIX, ARIZ.	3.88	1.32	1.02	44.5	27.3	8.3	70	9.9	77
TEMPE, ARIZ.	3.91	1.28	0.97	43.5	26.3	8.4	68	9.9	76

1969 PIMA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL	
P-21	3.51 A
PIMA S-4	3.50 A
PIMA S-2	3.42 AB
PIMA S-3	3.34 BC
126-1	3.25 C
P 19	3.24 C

BOLL SIZE, NO. PER LB.	
P 19	143 A
126-1	141 AB
PIMA S-3	140 AB
PIMA S-2	135 BC
P-21	131 C
PIMA S-4	131 C

LINT PCT.	
PIMA S-4	36.4 A
PIMA S-2	36.4 A
P 19	35.6 B
P-21	35.6 B
126-1	33.9 C
PIMA S-3	33.9 C

SEED INDEX	
P 19	13.0 A
P-21	13.0 A
PIMA S-3	12.3 B
126-1	12.1 B
PIMA S-4	12.1 B
PIMA S-2	12.1 B

SPAN LENGTH, 50 PCT.	
P-21	0.69 A
PIMA S-4	0.67 AB
P 19	0.66 B
PIMA S-2	0.65 B
PIMA S-3	0.65 B
126-1	0.65 B

SPAN LENGTH, 2.5 PCT.	
P-21	1.42 A
P 19	1.40 AB
PIMA S-4	1.39 B
PIMA S-3	1.38 BC
126-1	1.36 CD
PIMA S-2	1.34 D

22'S	
P-21	180 A
P 19	180 A
PIMA S-4	174 B
PIMA S-2	173 BC
PIMA S-3	171 BC
126-1	170 C

MICRONAIRE	
PIMA S-4	4.29 A
P-21	4.26 AB
PIMA S-2	4.19 AB
P 19	4.15 B
126-1	4.14 B
PIMA S-3	3.95 C

DRAWING SLIVER, UHM	
P-21	1.37 A
P 19	1.36 A
PIMA S-4	1.35 AB
126-1	1.33 BC
PIMA S-3	1.31 CD
PIMA S-2	1.30 D

DRAWING SLIVER, MEAN	
P-21	1.14 A
P 19	1.13 AB
PIMA S-4	1.11 AB
126-1	1.10 B
PIMA S-2	1.07 C
PIMA S-3	1.06 C

UNIFORMITY RATIO	
PIMA S-4	83 A
126-1	83 A
P 19	83 A
P-21	83 A
PIMA S-2	83 A
PIMA S-3	81 B

STELOMETER - TO	
P-21	46.3 A
PIMA S-4	44.9 B
P 19	44.2 BC
PIMA S-2	43.9 C
PIMA S-3	43.7 C
126-1	42.8 D

STELOMETER - T1	
P-21	28.6 A
PIMA S-4	27.9 B
PIMA S-2	27.4 BC
P 19	27.2 C
PIMA S-3	26.8 CD
126-1	26.4 D

STELOMETER - E1	
PIMA S-4	9.2 A
PIMA S-3	9.0 A
126-1	8.6 B
PIMA S-2	8.5 B
P 19	8.5 B
P-21	8.5 B

COLORIMETER -RD	
P 19	74 A
PIMA S-2	71 B
P-21	70 C
PIMA S-4	70 C
126-1	70 C
PIMA S-3	68 D

COLORIMETER -B	
PIMA S-3	10.8 A
P-21	10.3 B
PIMA S-4	10.2 B
126-1	9.8 C
PIMA S-2	9.8 C
P 19	8.8 D

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN LENGTH 50 PCT.	SPAN LENGTH 2.5 PCT.	22'S
PHOENIX, ARIZ.									
P-21	685	A	2.92	156	32.5	12.7	.69	1.41	183
PIMA S-4	632	B	2.98	152	33.0	12.4	.68	1.41	185
126-1	531	C	2.67	170	31.0	12.2	.69	1.40	175
P 19	515	C	2.56	178	31.8	13.3	.71	1.43	183
PIMA S-2	496	C	2.73	167	33.8	11.8	.67	1.36	177
PIMA S-3	273	D	2.45	186	31.2	11.7	.62	1.34	169
TEMPE, ARIZ.									
P-21	512	A	3.24	140	34.5	12.8	.65	1.37	170
PIMA S-4	496	A	3.19	142	35.5	12.4	.67	1.38	173
PIMA S-2	441	B	2.99	152	35.8	11.9	.64	1.34	166
126-1	438	B	3.04	149	33.1	12.2	.62	1.33	160
P 19	421	B	2.78	164	34.3	12.9	.65	1.39	173
PIMA S-3	357	C	2.88	158	32.6	12.1	.62	1.34	158
COOLIDGE, ARIZ.									
PIMA S-4	791	A	3.07	148	35.9	11.4	.66	1.39	172
P-21	737	B	3.09	147	35.4	12.2	.70	1.42	180
P 19	712	B	2.69	169	35.7	11.9	.65	1.38	184
PIMA S-2	643	C	2.92	155	36.0	11.2	.63	1.31	175
126-1	623	C	2.81	162	32.9	11.4	.65	1.36	175
PIMA S-3	471	D	2.75	166	32.1	11.4	.69	1.41	181
SAFFORD (PACE), ARIZ.									
P 19	932	A	3.56	128	38.2	11.8	.62	1.33	170
P-21	903	A	3.70	123	38.2	12.1	.64	1.35	175
PIMA S-3	834	AB	3.69	123	37.2	11.2	.58	1.28	166
PIMA S-4	825	AB	3.61	126	38.8	11.0	.62	1.30	167
126-1	763	B	3.39	134	36.7	10.9	.59	1.25	170
PIMA S-2	735	B	3.66	124	38.6	11.3	.64	1.27	168

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
				PHOENIX, ARIZ.					
P-21	3.83	1.37	1.09	45.6	27.9	8.3	71	9.8	80
PIMA S-4	4.10	1.35	1.07	46.4	28.2	8.6	70	9.8	79
126-1	4.00	1.31	1.02	42.8	26.0	8.3	69	9.5	79
P 19	3.90	1.35	1.05	44.0	26.5	8.0	74	8.8	78
PIMA S-2	3.88	1.27	0.96	43.7	28.1	7.8	71	10.0	76
PIMA S-3	3.60	1.26	0.90	44.3	26.9	8.5	67	11.5	72
				TEMPE, ARIZ.					
P-21	3.96	1.31	1.02	44.4	26.9	7.9	69	10.0	79
PIMA S-4	4.03	1.31	1.01	44.9	28.2	8.5	68	10.3	77
PIMA S-2	3.98	1.25	0.96	43.1	26.2	8.3	69	10.0	77
126-1	3.96	1.26	0.98	41.7	25.3	8.5	68	9.5	78
P 19	3.98	1.28	0.97	43.9	25.8	8.4	72	8.8	76
PIMA S-3	3.58	1.25	0.89	43.0	25.3	8.9	66	10.8	71
				COOLIDGE, ARIZ.					
PIMA S-4	4.40	1.32	1.11	46.3	29.1	9.0	71	9.3	84
P-21	4.28	1.35	1.12	48.1	29.7	7.8	71	9.8	83
P 19	4.13	1.39	1.18	43.8	28.7	7.5	73	8.3	85
PIMA S-2	4.23	1.31	1.06	45.3	27.1	7.9	73	9.0	81
126-1	4.11	1.34	1.12	43.9	27.8	7.7	71	9.0	84
PIMA S-3	3.60	1.27	1.06	45.9	26.9	8.6	68	10.8	84
				SAFFORD (PACE), ARIZ.					
P 19	4.35	1.29	1.09	44.6	27.0	8.2	74	9.8	85
P-21	4.44	1.30	1.08	46.8	28.4	8.6	69	10.8	84
PIMA S-3	4.30	1.26	1.05	43.9	26.5	9.0	69	10.8	83
PIMA S-4	4.31	1.24	1.02	45.0	27.4	9.4	68	11.0	82
126-1	4.30	1.25	1.05	42.6	26.6	9.1	71	10.5	85
PIMA S-2	4.37	1.21	1.02	45.1	28.1	8.5	70	10.3	84

VARIETY	YIELD LB. LINT PER ACRE		BOLL SIZE GRAM PER BOLL	BOLL SIZE NO. PER LB.	LINT PCT.	SEED INDEX	SPAN 50 PCT.	LENGTH 2.5 PCT.	22'S
			SAFFORD (CURTIS), ARIZ.						
P-21	1296	A	3.84	119	36.5	13.3	.72	1.44	187
PIMA S-4	1200	A	3.83	119	37.6	12.2	.69	1.44	176
P 19	1076	B	3.65	125	36.3	13.6	.68	1.40	184
PIMA S-2	1072	B	3.75	121	36.5	12.3	.64	1.38	175
PIMA S-3	1030	BC	3.88	117	35.3	12.8	.68	1.41	172
126-1	932	C	3.65	125	34.5	12.4	.70	1.40	170
			LAS CRUCES, N. MEX.						
P 19	857	A	3.73	122	36.7	13.0	.68	1.42	186
PIMA S-2	839	AB	4.04	113	36.5	13.0	.67	1.37	183
P-21	809	AB	3.75	121	36.3	13.2	.71	1.43	188
PIMA S-4	725	BC	3.81	120	36.8	12.2	.68	1.41	179
PIMA S-3	677	C	3.77	120	34.8	12.9	.68	1.42	178
126-1	532	D	3.42	133	34.2	12.5	.66	1.38	176
			EL PASO, TEX.						
P 19	1031	A	3.71	123	35.8	13.3	.64	1.37	178
P-21	961	AB	3.84	118	35.8	13.4	.70	1.45	182
PIMA S-3	945	ABC	3.79	120	33.6	12.9	.65	1.40	170
PIMA S-4	915	ABC	3.72	122	36.8	12.3	.64	1.37	169
PIMA S-2	857	BC	3.51	129	37.0	12.2	.61	1.29	176
126-1	799	C	3.55	128	34.3	12.4	.62	1.33	169
			FABENS, TEX.						
PIMA S-4	818	A	3.80	120	36.5	12.8	.67	1.43	175
P-21	738	AB	3.65	124	35.9	14.1	.67	1.44	180
P 19	728	B	3.23	141	35.9	14.1	.65	1.44	181
PIMA S-3	728	B	3.51	129	34.6	13.3	.65	1.42	176
126-1	652	BC	3.44	132	34.5	12.4	.68	1.41	169
PIMA S-2	606	C	3.73	122	36.8	13.1	.66	1.38	168

VARIETY	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	STELOMETER TO	STELOMETER T1	STELOMETER E1	COLORIMETER RD	COLORIMETER B	UNIF. RATIO
SAFFORD (CURTIS), ARIZ.									
P-21	4.66	1.40	1.19	47.1	29.4	8.7	70	10.8	85
PIMA S-4	4.63	1.41	1.20	45.1	28.0	8.8	71	10.5	86
P 19	4.39	1.38	1.20	44.2	28.1	8.8	74	9.0	87
PIMA S-2	4.31	1.34	1.13	43.5	27.1	9.0	70	10.8	85
PIMA S-3	4.46	1.33	1.13	43.6	27.8	9.1	69	10.5	85
126-1	4.51	1.36	1.18	43.4	26.6	8.6	71	10.0	86
LAS CRUCES, N. MEX.									
P 19	4.19	1.37	1.16	45.4	27.3	8.8	74	8.5	85
PIMA S-2	4.30	1.35	1.18	43.3	27.9	8.5	73	9.3	88
P-21	4.30	1.41	1.21	47.1	29.7	8.7	71	9.8	86
PIMA S-4	4.33	1.36	1.17	43.7	28.3	9.5	72	10.3	86
PIMA S-3	4.09	1.37	1.15	44.1	27.2	8.9	68	10.3	85
126-1	3.94	1.39	1.18	42.9	27.0	8.6	73	9.3	85
EL PASO, TEX.									
P 19	4.21	1.35	1.13	42.9	26.7	8.8	76	8.5	84
P-21	4.41	1.40	1.18	45.1	28.3	8.8	71	10.5	84
PIMA S-3	3.93	1.32	1.10	42.3	26.4	9.0	69	11.0	83
PIMA S-4	4.34	1.34	1.12	43.5	26.9	9.6	71	10.5	84
PIMA S-2	4.33	1.29	1.09	44.1	28.1	8.4	73	9.3	85
126-1	4.11	1.32	1.12	42.1	26.1	9.0	70	10.0	85
FABENS, TEX.									
PIMA S-4	4.21	1.40	1.18	43.8	26.8	9.7	70	10.5	85
P-21	4.20	1.42	1.19	45.8	28.4	8.9	70	11.0	84
P 19	4.03	1.45	1.21	44.9	27.7	9.1	75	9.0	84
PIMA S-3	4.03	1.39	1.16	42.8	27.0	9.5	69	11.0	84
126-1	4.16	1.36	1.12	42.6	25.6	8.9	71	10.5	83
PIMA S-2	4.15	1.35	1.17	42.9	26.5	9.5	73	10.3	87

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